CONSTRUCTION NEWS

Engineering News-Record, March 5, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Roads and bridges, North Carolina, State Legislature authorized $20,000,000 bonds for roads and bridges during next 2 years.

Plant, Bagnell, Mo., Missouri Hydro-Electric Power Co., Kansas City, having plans prepared for hydro-electric plant, $10,600,000.

Waterworks, San Antonio, Tex., plans purchasing and improving waterworks, $6,500,000.

Power development, Three Rivers, Que., United Mfg. Co. plans water power development, $6,000,000.

Hotel, Boston, Mass., Statler Hotel Corp., New York City, plans 14 story building, $4,000,000.

Distribution Lines, Oregon, Pacific Telephone & Telegraph Co., Portland, plans to extend and improve lines, $3,000,000.

Bakery, Cambridge, Mass., National Biscuit Co. plans bakery, $3,000,000.

Hotel, Coney Island, N. Y., J. Palmieri plans building, $3,000,000.

Hotel, Detroit, Mich., P. Miller having plans prepared, $2,500,000.

Railroad improvement, Ohio, Hocking Valley R.R. Co. plans complete double tracking line between Columbus and Fostoria, $2,500,000.

Bids Wanted On Big Jobs

Mill, East Youngstown, O., Youngstown Sheet and Tube Co., soon takes bids, $2,000,000.

Church, Pittsburgh, Pa., Sacred Heart Roman Catholic Congregation, $1,900,000.

Garage, Boston, Mass., J. M. Howe, $1,500,000.

Office, Philadelphia, Pa., J. C. Kahn, $1,500,000.

High School, New Bedford, Mass., by City, $1,000,000.

Garage and office, Cleveland, O., Motors Realty Co., $1,000,000.

Hotel, New Orleans, La., Weiss & Dreyfous, Archts., $1,000,000.

Large Contracts Let During Week

Power Station, Sioux City, Iowa, Sioux City Gas & Electric Co. to U. G. I. Contg. Co., Philadelphia, Pa., $2,000,000.

Plant, Kansas City, Mo., Columbian Steel Tank Co. will build by day labor, $2,000,000.

Schools, Cleveland, O., Buildings for University School by Hunkin-Conkey Constr. Co., $1,000,000.

Power House, Lowell, Mass., Wamfsit Power Co. to Stone and Webster, $1,000,000.

Waterworks

PROPOSED WORK

Mass., Canton—City Water Comrs., plan new pumping station and new stand pipe on Hogh St., and elevation of Ponkapoag Standpipe. To exceed $15,000. Engineer not selected.

Mass., Reading — Bd. Selectmen plans mains in Libby Ave. and Forest St., $20,000 appropriated; also storm water main from east side of John St. to west side of Main St., $15,000 appropriated. Engineer not selected.

N. J., Trenton—Water Dept. plans water service station, Brunswick Ave. $60,000. A. Bugbee, City Hall, engr.

Fla., Palmetto—Voted $50,000 bonds, extending water mains.

La., Augurs—Making preliminary plans waterworks and distribution system. $37,000. C. D. Evans, Levy Bldg., Shreveport, engr.

Tenn., Nashville — Bd. Pub. Wks., G. Reyer, supt., City Hall, appropriated $24,600, relaying mains under streets to be permanently paved in 1925. H. E. Howse, mayor.

O., Cleveland—Takes bids in spring 800 ft. iron sheet piling to depth of 60 ft. in order to divert subterranean currents that have undermined Division Ave. Filtration Station. $300,000. L. A. Quayle, City Hall, engr.

O., Cleveland—City plans new filtration plant in Nottingham Dist., and 4½ mi. intake tunnel in Lake Erie. A. V. Hamlin, City Hall, engr.

O., Niles — Plans mains in 11 streets. $50,000-$75,000. B. Holloway, Niles, engr.

O., Sebring — Takes bids in spring, new standpipe and new and enlarged water mains. $100,000.

Wis., Kenosha — Plans extending c.i. mains in 5th, Hamilton and Howland Aves., Beverly, Kenwood, Plymouth and Belmont Places, Erie, Putman, Michigan and Howard Sts. To exceed $15,000. R. M. Smith, City Hall, engr.

Wis., Madison — City, c/o L. A. Smith, supt., making plans 6 m.g. reservoir and 20 in. mains to connect with distribution system. $100,000. E. E. Parker, City Hall, engr.

Wis., West Allis—Making plans extending c.i. mains in Beloit Rd., Jersey, Papham and Burnham Sts., Lincoln, National, 45th, 55th, 56th, 57th, 58th and 82nd Aves. To exceed $15,000. W. Darby, City Hall, engr.

Ia., Ames—Making plans approximately 3 mi. waterworks extensions in various streets. $35,000. P. F. Hopkins, Ames, engr.

Ia., State Center—Making plans waterworks, incl. reservoir, pumping station, filtration plant and elevated tank. $50,000. Brown & Cook, Ottumwa, engrs.

Minn., Brainerd—Plans to purchase 1,600 lin.ft. 6 in. c.i. and 2,600 lin.ft. 8 in. pipe, 1 ton specials, and 2 ton lead. $6,500. E. T. Fleenor, city clk.

Minn., Glencoe—Plans waterworks improvements. $15,000. J. F. Globe, city clk. Engineer not announced.

Kan., Kansas City—Plans 10 new filters, 12 m.g. capacity each. $350,000. J. D. Donovan, City Hall, engr.

Mo., St. Louis — Soon takes bids several hundred tons 3- to 20-in. c.i. pipe, 3- to 12-in. valves and boxes, O'Brien type fire hydrants, special castings, 3- to 36-in. sizes, and some insert valves. $100,000. Work will be done by day labor. E. E. Wall, City Hall, comr.

Tex., Dallas — Plans election $250,000 bonds, sanitary sewer. Engineer not announced.

Tex., Dilley—Making plans distribution system, 50,000 gal. elevated tank, pumping equipment, etc. $30,000 bonds voted. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted Jan. 15.

Tex., Donna—Voted $50,000 bonds waterworks improvements, incl. mains, pumping equipment, well, etc. W. Whigham, mayor. Noted Feb. 19.

Tex., Flatonia—Plans election soon $75,000 bonds improving water and sewerage systems. Municipal Eng. Co., 715 Praetorian Bldg., Dallas, engrs.

Tex., Giddings — Voted $46,000 bonds mains and additional pumping equipment, etc. J. D. Fields, mayor. Noted Feb. 26.

Tex., Greenville—Voted $400,000 bonds, waterworks improvements, incl. reservoir, intake, pipe line, filtration plant and extension to distributing system. H. Rush, Greenville, engr. Noted Jan. 29.

Tex., Killeen—Voted $16,000 bonds additional mains, pumping equipment, etc. H. N. Law, mayor. Noted Feb. 5.

Tex., Lufkin — Making plans and takes bids about Apr. 15, waterworks improvements, incl. mains and laterals, new tower and tank, and addition to earth dam and spillway, new disposal plant for entire system and extension sanitary sewerage system. $125,000. F. A. Jones, Lufkin, engr.

Tex., Putnam—Voted $36,000 bonds, for waterworks. Address R. Clinton, city comr.

Tex., San Antonio—Election $6,500,000 bonds for purchasing and improving waterworks postponed until municipal ownership bill (now before legislature) has been passed. I. Ewig, city engr. Noted Feb. 10.

Tex., Weslaco—Making plans waterworks improvement incl. mains, addition to pumping equipment. $20,000 bonds voted. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted Jan. 15.

Okla., Blair—Election Mar. 17, $30,000 bonds, new waterworks, incl. drilled well, pump, elevated tank, mains, valves, hydrants and meters. J. G. Harrell, city clk. Engineer not announced.

Okla., Elk City — Making preliminary plans waterworks extensions, incl. new reservoir, pumping mains, valves, etc. $30,000. Engineer not selected.

Okla., Holdenville — Making preliminary plans new pumping station, reservoir, pumping equipment, mains, valves, etc. Election early in March $80,000 bonds for same. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Jan. 8.

Okla., Idabel — Election Mar. 17, $23,000 bonds for new motor driven pumps, oil engine, 250 water meters and transmission line. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Nov. 20.

Okla., Okemah — Plans waterworks extensions. $188,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engr. Noted Sept. 18.

N. M., Artesia — Making surveys and plans improving water system. $50,000. Burns, McDonnell & Smith Eng. Co., 412 Marsh-Strong Bldg., Los Angeles, Calif. and 402 Interstate Bldg., Kansas City, Mo., engrs.

N. M., Roswell — Making plans improving water system. $100,000. Burns, McDonnell & Smith Eng. Co., 412 Marsh-Strong Bldg., Los Angeles, Calif. and 402 Interstate Bldg., Kansas City, Mo., engrs.

Idaho, Burley — Plans to issue $29,500 bonds to drill and case well for water supply, also purchase city cemetery.

Calif., Alhambra—City plans to purchase 100 fire hydrants. M. H. Irvine, city engr.

Calif., Mayfield—See "Sewers."

Calif., Santa Rosa—Bd. Pub. Utilities, G. R. Cadam, secy., plans to purchase 1 turbine pump with electric motor, direct connected, of 1200 r.p.m., 440 volt, 60 cycle. P. F. Green, city engr.

Que., Quebec—Plans 30 m.g. reservoir, $425,000; concrete dam on St. Charles River, $25,000; and two 5,000 g.p.m. pumps, $50,000. F. C. Laberge, 30 St. James St., Montreal, engr.

Que., St. Benoit — J. N. Cloutier plans reservoir and gravity piping system. $25,000.

Que., St. Cecile de Whitton — Plans gravity system. $25,000. J. G. Beaudoin, city secy. Engineer's name withheld.

Ont., North Bay — Voted about $38,500 bonds for waterworks.

Waterworks (Continued)

Ont., Waterford—Making plans and takes bids about Apr. 1, waterworks system. $50,000. C. C. Fairchild, 169 Colborne St., Brantford, engr.

Ont., Welland — Water Comn. making plans and takes bids about May 1, filtration plant. $250,000. W. E. Forster, city engr.

Ont., Woodstock — Water Comn. plans 18 in. wood or iron mains from Springs to power house. $40,000. J. G. Archibald, City Hall, engr.

BIDS DESIRED

N. Y., Brooklyn — Mar. 11, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Delamere Pl., Eastern Parkway, Narrows, Nostrand, 110th, O and P Aves., Bryant, Clinton, Kimball, Montgomery, 62nd, 71st, 78th, 80th, 90th, East 5th, 16th, 92nd, West 8th, 9th and 33rd Sts., here.

N. Y., Long Island City—Mar. 9, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in 69th and 171st Places, Carolin, Albion, Ingram, 111th, 171st and 208th Sts., 48th, 57th, Borden, Lenox, Willow and 32nd Aves., here.

N. Y., New York — Mar. 9, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Throggs Neck Blvd., Shore Dr., Barker, Barnes, Byron, Chaffee, Cranford, Ely, Meagher, Pitman, Tiernan and Wickham Aves., East 212th, East 231st, 239th and 242nd Sts.

N. Y., Rome—See "Sewers."

N. J., Cape May — Mar. 12, by City Comrs., **fuel oil pumping and air lift machinery for waterworks. H. W. Bell,** city engr.; **adv. En. N.-R. Mar. 5.**

S. C., Spartanburg—Apr. 14, by Commissioners Pub. Wks., rein.-con. dam, power house, water purification plant, rein.-con. reservoir, etc. P. H. Norcross, 1404 Candler Bldg., Atlanta, Ga., consult. engr.; adv. E. N.-R. Mar. 5.

Fla., Tallahassee — Mar. 17, by City Manager, 1 single stage centrifugal pump, etc. B. H. Bridges, city aud. and clk.; adv. E. N.-R. Mar. 5.

Wis., La Crosse—Mar. 12, by Dept. Pub. Wks., c/o W. Fries, secy., 12,176 ft. 4- to 20-in. c.i. pipe, 20,724 lb. c.i. specials, etc., in 14 streets. C. C. Congdon, city engr.

Wis., Thorp—Mar. 19, by H. Holzhauser, city clk., c.i. extending mains in various streets. $16,000. Private plans. Noted Jan. 15.

Minn., St. Paul. — Mar. 10, by H. W. Austin, city purch. agt., 300,000 gal. steel reservoir on concrete foundation at McCarrons station, 75 coils of ¾ in. extra strong lead pipe, 800 lin.ft. 60 in. O. D. steel pipe, and 5 special bends. G. M. Shepard, city engr.

Tex., Rusk—F. A. Jones, city secy., taking bids earth dam, concrete spillway, filtration plant, wash tank, pumping plant and extending mains and laterals in various streets. $55,000. F. A. Jones, Rusk, engr. Noted Sept. 11.

BIDS RECEIVED

Kan., Kansas City—G. T. Derby, purch. agt., Feb. 10, two 4 m.g. pumps for booster service, from U. S. Wind Engine & Pump Co., 1100 Hickory St., Kansas City, Mo., $4,980. Noted Feb. 5.

Minn., St. Paul — H. W. Austin, city purch. agt., Feb. 5, concrete conduit, from D. W. Moore & Moline Bros., 894 Edmund St., intake and terminal chambers for Vadnais-Lake McCarron Station conduit, $768,173; from Waterous Fire Engine Wks., 80 Fillmore Ave., E., 200 single steamer 5 in. valve fire hydrants, $82.02 each, and 20 double steamer 6 in. valve fire hydrants $105.82 each. Noted Jan. 20.

CONTRACTS AWARDED

R. I., Providence — Water Supply Bd., about 1.6 mi. 66 in., and 0.3 mi. 48 in. steel pipe line, with connections and appurtenances, etc., to C. A. Haggerty, Webster, Mass., $306,425. Noted Feb. 19.

Pa., Phila. — Dept. Pub. Wks., Bureau Water, 2,080 tons 16- to 24-in. c.i. pipe, Contr. 737, to Mazzola & Marano, 709 South 7th St., $283,565; 50,000 lbs. piglead, Contr. 741, to N. Trotter & Co., 36 North Front St., $0.97 per lb., total $4,850.

O., Cincinnati — City, c.i. pipe, special castings and valves and other miscellaneous work in connection with water distribution system in various streets during 1925, to M. F. Quill & Son, 409 Gerke Bldg., $84,020. Engrs. est. $75,000. Noted Feb. 12.

Mich., Springwells—B. P. Esper, city clk., 3,000 ft. 30 in. c.i. mains in Dix Ave., to Coolsaet Bros., 12734 Michigan Ave., Detroit, $25,000. Noted Feb. 12.

Ill., Bartlett — Distribution system, incl. 13,931 ft. or 230 tons 6 and 8 in. mains, nineteen 6 and 8 in. gate valves and boxes, 23 fire hydrants, etc., to Logan Constr. Co., Elgin. Noted Jan. 29.

Wis., Kenosha—C. M. Osborn, city mgr., 496 tons Class B water pipe to Amer. Cast Iron Pipe Co., 38 South Dearborn St., Chicago, Ill., at $48.48 per ton; 76 hydrants, to Traverse City Iron Wks., Traverse City, Mich., $51.50 each; all brass goods for season to Glauber Brass Co., Cleveland, O. Noted Feb. 12.

Minn., Mankato—For 11,320 ft. 6 and 8 in. c.i. pipe and 7 tons specials castings, to U. S. Cast Iron Pipe and Fdry. Co., 625 Plymouth Bldg., Minneapolis. Noted Feb. 5.

Minn., Minneapolis — F. S. Gram, city purch. agt., 297 tons c.i. water pipe, part to Amer. Cast Iron Pipe Co., 712 Plymouth Bldg., and the rest to U. S. Cast Iron Pipe & Fdry. Co., 625 Plymouth Bldg.; 7,000 curb and corporation cocks, to Mueller Mfg. Co., 512 West Cerro Gordo St., Decatur, Ill. Noted Jan. 29.

Minn., Minneapolis — F. S. Gram, city purch. agt., one 10 ton electric crane to Rose Mchy. Co., 723 Metropolitan Life Bldg., Minneapolis, for Water Dept. $2,435. Noted Jan. 8.

Minn., St. Paul — H. W. Austin, city purch. agt., 481 pieces c.i. water pipe, 24- to 32-in. sizes, all 12 ft. lengths, to Lynchburg Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., $50 per ton; c.i. gate valves and service connection boxes, to Cochran Sargent Co., 5th and Sibley Sts., St. Paul, $2,000. Noted Feb. 5.

Minn., St. Paul — H. W. Austin, city purch. agt., 100 tons c.i. water pipe specials, also c.i. pipe, to Natl. Cast Iron Pipe Co., Tarrant City, Birmingham, Ala., $9,000 and $63,000 respectively; 310 gate valves, various sizes, to Crane Co. of Minnesota, 5th St. and Bway., $6,915; also c.i. pipe, to U. S. Cast Iron Pipe and Fdry. Co., Amer. Trust Bldg., Brimingham, Ala., $62,000.

Neb., Stanton—W. E. Cook, city clk., for excavation, pumps and fittings, to Interstate Mchy. & Supply Co., 1006 Douglas St., Omaha, $3,432; two 8 in. wells, 60 ft. deep, to F. W. Ludwig, Stanton, $938; and masonry, to E. Van Ness, Stanton, $581. Noted Feb. 12.

Mo., Appleton City—For two 8 in. wells, 400 ft. deep, two deep well pumps and one horizontal centrifugal pump, 100,000 gal. tank on tower, several miles 2, 4, 6 and 8 in. pipes, hydrants, etc., to W. F. Hall, Clinton, $47,500. Noted Nov. 13.

Mo., St. Louis—See "Proposed Work."

Tex., Houston—For two 1,000 gal. and two 2,000 gal. wells at Scott St. plant, to Layne Texas Co., 1111 6th St., $91,350; two 1,000 g.p.m. or 2,000 g.p.m. motor driven pumps, to Southern Engine & Pump Co., 615 Washington St. $56,550.

Tex., Paducah—City, c/o P. E. Godfrey, secy., to J. B. Winslett, Dallas, water extensions $15,000, flow line $95,000, sanitary sewers and disposal plant $44,500; to W. D. Edwards, Paducah, pump house and well $19,920; to Plains Paving Co., Wichita Falls, storm sewers $8,600, Willite paving $46,308. Noted Jan. 29.

Ont., St. Catharines — G. F. Peterson, chn. Wateworks Comn., filtration plant, to J. A. Wickett Ltd., 59 Yonge St., Toronto, $262,025; mechanical equipment, to F. Hankin & Co., Ltd., 20 St. Nichols St., Montreal, Que., $126,694. Noted Feb. 5.

Sewers

PROPOSED WORK

Pa., Millvale — Millvale Boro election Mar. 24, $74,000 bonds, main sanitary trunk line sewer in Freemont St. et al.

O., Canton — Stark Co. soon takes bids sanitary sewers in Sect. A, North Canton sanitary sewer between Canton and North Canton $149,652, Sect. B $110,497 and Sect. C $74,952. G. B. Davidson Court House, engr.

O., Niles — Bd. Control takes bids in spring trunk sewer in Sewer Dist. 7. $40,000 bonds to be sold. W. Milligan, Niles, engr.

Ill., Wheaton—Sanitary Dist. Bd., F. D. Ewell, pres., making preliminary plans 3 acres sand filter beds, 40,000 ft. 18- to 27-in. pipe for outfall sewers, disposal plant, settling tanks, dosing chambers, sand filters and sludge bed. $250,000-$300,000. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, engrs.

Wis., West Allis — Making plans vitr. sewers in Beloit Rd., Jersey and Lapham Sts., Lincoln, National, 45th, 55th, 56th, 57th, 58th and 82nd Aves. W. Darby, City Hall, engr.

Ia., Iowa City — Plans sewage disposal plant. $1,000,000. N. Barber, 228½ West 4th St., Waterloo, engr. Noted Dec. 18.

N. D., Fargo—Plans ½ mi. trunk sewer with 48 in. main in North Fargo from Red River in 15th Ave. N. to 13th St., thence to 12th Ave., and in 12th Ave. to 15th St. $35,000. Former contract rescinded as village of North Fargo has since been annexed to city of Fargo, and city is expected to undertake it. R. T. Jacobson, city engr. Noted Jan. 10, 1924.

Mo., Shelbina—Making preliminary plans sewer improvements. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, engrs.

Tex., Abilene — Election in May about $35,000 bonds, extending sewerage system, additional mains, and probably disposal plant. M. L. Sellers, city secy.

Tex., East Dallas (Dallas P. O.)—City of Dallas plans election $250,000 bonds storm sewers particularly here. Engineer not announced.

Tex., Flatonia—See "Waterworks."

Tex., Giddings—Voted $46,000 bonds new sewerage system. J. D. Fields, mayor. Engineer not selected. Noted Dec. 11.

Tex., Killeen—Voted $36,000 bonds improvements to sewers, mains, disposal plant, etc. H. N. Law, mayor. Noted Feb. 5.

Tex., Lufkin—See "Waterworks."

Tex., Rockwell—Plans complete sewerage system. $35,000. H. B. Lofland, mayor. Engineer not announced.

Tex., Weslaco — Making plans sanitary sewer improvements, incl. mains, laterals, disposal plant, etc. $25,000. Terrell Bartlett, Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted Jan. 22.

Tex., Yorktown—Making plans sewers, mains, etc., in various streets. $30,000. Address City Engineer.

Okla., Blackwell — Making plans 15,000 ft. 24 in. vitr. clay outfall sewers, disposal plant, Imhoff tanks, sprinkling filter, etc. $75,000. W. Ritzhaupt, Jr., Blackwell, engr.

Okla., Holdenville — Making preliminary surveys 5 mi. outfall sewers and 2 disposal plants. Election in March $100,000 bonds for same. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 9.

Okla., Progress — Election soon $30,000 bonds, sewers and sewage disposal plant. $30,000. Holway Eng. Co., 504 New Wright Bldg., Tulsa, engrs.

Okla., Sand Springs — Election Mar. 3 $180,000 bonds for 10,500 ft. 36- to 60-in. segmental block sewers in various streets. Holway Eng. Co., Wright Bdg., Tulsa, engrs.

Wash., Yakima—Making plans and takes bids about Apr. 17, vitr. clay sewers in Pioneer and Modern additions. $100,000. C. F. Wilson, Yakima, engr.

Calif., Arroyo Grande — Making plans 10,000 lin.ft. 14 in. outfall sewer; Imhoff tank for 4,000 people, collecting system of 20,000 ft. 6- 8 and 10 in. laterals. $30,000. Burch & Beck, Commercial Bank Bldg., San Luis Obispo, engrs. Noted July 24.

Calif., Eureka—City plans election $250,000 bonds to finance sewer extensions. H. H. Hannah, city engr.

Calif., Los Angeles—Los Angeles Co. made plans 5,242 ft. 8 and 10 in. vitr. sewers, 1,448 ft. 8 in. vitr. laterals, 6,920 ft. 6 in. vitr. house connections, etc., in Holmes Ave. between Florence and Slauson Aves. Impvt. Dist. 277. J. E. Rockhold, Los Angeles, co. surv.

Calif., Mayfield—Plans election $55,000 bonds extending sewerage and water systems.

Calif., Oakland—Made plans 7th St. outfall sewer, 1,735 lin.ft. 5 x 5 ft. concrete sewer on concrete girders, 3,232 ft. 5 x 5 ft., 775 lin.ft. 4.5 x 4.5 ft. concrete sewer on timber foundation, 750 lin.ft. 4 x 4 ft. rein.-con. sewer on timber foundation, 820 lin.ft. 24 and 30 in. concrete and 2,300 lin.ft. 8- to 21-in. vitr. pipe, 337 lin.ft. 10 in. pipe conduit, etc. $230,000. W. W. Harmon, city engr.

Calif., Richmond — Making estimates storm sewers in various streets. To exceed $350,000. E. A. Hoffman, city engr. Noted Dec. 18.

Calif., San Bernardino — Made plans storm sewers in Mt. Vernon Ave., 48 in. pipe from 3rd St. and Mt. Vernon Ave. to K and 2nd Sts., and 54 in. in line south on K St. between 2nd St. and Lytle Creek. $35,000-$40,000. C. E. Johnston, city engr.

Calif., Tulare—See "Streets and Roads."

Ont., London — Making plans sewer siphon $100,000 and disposal plant $60,000. W. P. Near, city engr.

BIDS DESIRED

N. Y., Brooklyn — Mar. 12, by J. A. Guider, boro pres., Boro Hall, storm and sanitary sewers in Argyle Rd., Georgia Ave., East 18th, East 40th, 73rd and East 46th Sts.

N. Y., Larchmont—Mar. 16, by Bd. Village Trustees, sewers in Dist. 5A, Contr. 100 and 101. E. D. Wakeman, clk.; adv. E. N.-R. Mar. 5.

Sewers (Continued)

N. Y., Rome—Apr. 2, by Supt. Purchase, Capitol, Albany, sanitary sewer, water piping, and sanitary work, etc. at Rome State School for Mental Defectives, here. S. W. Jones, state archt.; adv. E. N.-R. Mar. 5.

O., Akron — Mar. 16, by W. F. Peters, dir. Pub. Serv., 200 ft. 36 in. brick, 1,340 ft. 42 in. vitr., 830 ft. 48 in. segmental block, 810 ft. 54 in. tile, 1,550 ft. 12- to 24-vitr. trunk sewer in Case and Johnston Sts., $99,950; also Willow Run Trunk Sewer, 5,200 ft. 24- to 90-in. brick pipe, $320,000. J. E. Root, Delaware Bldg., consult. engr.

Mich., Grand Rapids—Mar. 18, by Director Pub. Serv., City Hall, portions of separate trunk sewer in Michigan St. and Fuller Ave., contr. F.-5. F. H. Locke, city mgr.; adv. E. N.-R. Mar. 5.

Wis., Milwaukee — Mar. 10, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., 10,950 lin.ft. 30 in. concrete sewer, etc., in Lincoln Ave., Sect. 1. To exceed $25,000. T. C. Hatten, c/o owner, engr.

Wis., Prairie du Chien—Mar. 12, by W. Beuthin, city clk., 14,898 ft. 8, 12 and 15 in. vitr. sewers in various streets, etc. To exceed $25,000. A. Martin, City Hall, engr.

Tex., San Benito—Taking bids 16,830 ft. 6 in. sanitary sewer, etc., in various streets. $25,000. Agar & Gentry, San Benito, engrs.

Calif., Blythe—Mar. 16, by City Trustees, sewage treating plant and outfall sewer improvements, 5,125 lin.ft. 8 in. B & S Class A c.i. pipe, 150 cu.yd. concrete, 16,230 lbs. reinforcing, etc.; also sewerage system and pumping station, etc., 7,767 lin.ft. 6- to 12-in. vitr. pipe with wyes, 17 manholes, etc. Burns-McDonnell-Smith Eng. Co., Marsh-Strong Bldg., Los Angeles, engrs. Noted Aug. 21.

Calif., Corona—Mar. 10, by City Clerk, 42,500 ft. 8- to 18-in. sewers, etc., in various streets. Currie Eng. Co., Alhambra, engrs. Noted Nov. 13.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., Feb. 25, sewers in 150th Ave., from Hammen Constr. Co., 279 Madison Ave., Perth Amboy, N. J., **(A)** $291,935; from Paino Bros., 32 Court St., Brooklyn, **(B)** $749,-240. Noted Feb. 19.

N. J., Trenton Junction — Freeholders Mercer Co. (Trenton), storm water drains in Zenker Rd., here, from Celantano & Wendland, 509 Bridge St., Trenton, $35,829.

Md., Baltimore — Bd. Awards, 12,000 ft. lateral sanitary sewers, in Dist. 47 E, Contr. 217, from N. Martell, 417 South Eden St., $36,181. Noted Feb. 19.

CONTRACTS AWARDED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sanitary sewers in 150th Ave., to Hammen Constr. Co., 279 Madison Ave., Perth Amboy, N. J., $407,045; Sutter Ave., to J. H. Johnson, $138,480. Noted Feb. 19.

N. Y., New York—J. Miller, pres. Manhattan Boro., Municipal Bldg., sewers in Laurel Hill Terrace, to T. A. Reilly, 48 East 41st St., $44,990. Noted Feb. 19.

Mich., Grand Rapids — Director Pub. Serv., City Hall, Logan St. Relief Sewer Project, Contr. J-2, to J. Brogan & Sons, Green Bay, Wis., $352,215. Engrs. est. $375,529. Noted Jan. 22.

Mo., Kansas City—For 8- to 25-in. sanitary sewers in Dists. 264, 295, 303, 337, 338, 339, 345, 346, 347, 348, 350 and 416 in Sewer Div. 4, to W. C. Mullins Constr. Co., 202 Nelson Bldg., $34,063.

Tex., Paducah—See "Waterworks."

Tex., San Antonio—Sanitary sewers in 10 blocks North Trinity St., to Elder & Walker, Houston Bldg., $28,000.

Calif., Los Angeles—For vitr. sewers in Georgia Ave. between 26th St. and 21st Pl., and other streets, to C. Fisher, 1682 4th St., Santa Monica, approximately $31,000.

Ont., Brantford — Will lay storm sewer in Gladstone, Erie and Allenby Aves., by day labor. $35,000. F. P. Adams, city engr.

Ont., Niagara Falls—Stamford Twp., will lay 10 and 12 in. sewers in various streets, by day labor. $30,000. W. J. Seymour, City Hall, engr.

Waste Disposal

PROPOSED WORK

Tex., Houston—Election Apr. 13, $75,000 bonds, 3 garbage incinerator plants. J. C. McVey, city engr.

Bridges

PROPOSED WORK

Pa., Millvale—See "Streets and Roads."

North Carolina—See "Streets and Roads."

North Carolina — State Legislature authorized $600,000 bond issue for toll bridge over Chowan River, near Edenton, in Bertie and Chowan Counties, or State Hy. Dept., Raleigh. C. M. Upham, Raleigh, highway engr.

North Carolina—State Hy. Dept., Raleigh, plans rein.-con. bridge over Catawba River on Route 10, State Project 625, Catawba and Iredell Counties. $100,000. C. M. Upham, Raleigh, engr.

N. C., Murphy—Cherokee Co. plans rein.-con. bridges and culverts on project between here and Tennessee State line. $43,200. Address J. G. Stikeleather, Ashville.

O., Dayton — G. Baker, dir. Pub. Serv., takes bids probably end of March 400 ft. concrete arch, bridge, 30 ft. driveway and 6 ft. sidewalks on each side across Mad River at Findlay St. $250,000. Braun & Watson, 1183 South High St., Columbus, engr.

Wis., Manitowoc—A. H. Zander, city clk., receiving proposals from engineers until Mar. 16 (extended date), for plans and estimates for steel bridge over Manitowoc River, at 8th St. Noted Feb. 26.

Wis., Racine—Making plans 180 ft. to 190 ft., steel and concrete bridge 36 ft., at 6th St. $55,000. Wisconsin Bridge & Iron Co., North Milwaukee, engrs.

Missouri—State Hy. Dept., Jefferson City, plans three 20 ft. rein.-con. slab spans, etc., over Puzzle Creek, one 120 ft. steel truss span and three 40 ft. I-beam spans, etc., over Chariton River, one 120 ft. steel truss and three 40 ft. I-beam spans, etc., over Chariton River D. D., ten 20 ft. rein.-con. slab spans, etc., over overflow of Chariton River, all Chariton Co.; one 90 ft. steel truss span, etc., over Little Sniabar Creek, two 12 ft., one 45 ft. and one 40 ft. rein.-con. deck girder spans, etc., over stream, all Lafayette Co.; two 20 ft. rein.-con. slab spans, etc., over Tunos Branch, two 20 ft. rein.-con. slab spans, etc., over Coatney Branch, five 40 ft. rein.-con. deck girder spans, etc., over Little Niaugua River, all Dallas Co.; one 130 ft. steel truss and two 40 ft. rein.-con. deck girder spans, etc., over Blue River, one 40 ft. and one 45 ft. rein.-con. deck girder, and two 12 ft. rein.-con. slab spans, etc., over Heart Grove Creek, two 12 ft. rein.-con. slab spans, etc., over branch Heart Grove Creek, two 12 ft. rein.-con. deck girder spans, etc., over Mouse Creek, all Jackson Co.; four 40 ft. rein.-con. deck girder spans, etc., over Second Creek, and three 30 ft. rein.-con. deck girder spans, etc., over Schulte Creek, both Gasconade Co.; one 45 ft. rein.-con. deck girder and two 24 ft. rein.-con. slab spans, etc., over Grindstone Creek, De Kalb Co.; three 16 ft. rein.-con. slab spans, etc., over Hothe Creek, Perry Co.; three 30 ft. rein.-con. deck girder spans, etc., over Jamup Creek, Shannon Co.; one 40 ft. and two 25 ft. rein.-con. deck girder spans, etc., over Turkey Creek, Madison Co. P. H. Piepmeier, Jefferson City, engr.

Tex., Anson—See "Streets and Roads."

Tex., Houston—Election Apr. 13, $1,00,-000 bonds, for 3 bridges over Buffalo Bayou, one at McKee St., one Turning Basin and other on some intermediate street. O. F. Holcombe, mayor.

Calif., Santa Rosa—Sonoma Co. plans repairing bridge. $50,000. E. A. Peugh, Santa Rosa, co. surv.

BIDS DESIRED

Massachusetts—Mar. 12, by Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, 2 span rein.-con. bridge and approaches over Charles River at Cambridge St., Boston, and River St., Cambridge. J. R. Rablin, ch. engr.

Md., Baltimore—Mar 18, by Bd. Awards, at office City Register, City Hall, constructing Rogers Ave. Bridge at Western Maryland Rd. S. Purcell, ch. engr.; adv. E. N.-R. Mar. 5.

West Virginia—Mar. 25, by State Road Comn., Charleston, bridges on Project 3231, Kanawha Co.; Projects 128 and 129, Fayette Co.; Project 3063, Wyoming Co.; Projects 3200 and 3282, Logan Co.; Project 3169, Lincoln Co.; Project 3190, Wayne Co.; Projects 3075-D and 3164, Jackson Co.; Project 2053, Hancock Co.; Projects 3157 and 3017, Braxton Co.; Project 3111-B, Gilmer Co.; Project 3221, Berkeley Co.; and Project 3143-A, Tucker Co. E. B. Carskadon, secy.; adv. E. N.-R. Mar. 5.

W. Va., Huntington—Apr. 1, at office of Huntington & Ohio Bridge Co., 1026 4th Ave., 2,645 ft. steel bridge across Ohio River. J. E. Greiner & Co., Lexington Bldg., Baltimore, Md., consult. engrs.; adv. E. N.-R. Mar. 5.

Fla., Tampa — Mar. 10, by City Comn., City Hall, strauss trunnion bascule bridges, 1 on Platt St., and other on Cass St. $350,-000 each. R. D. Martin, City Hall, engr. Former bids rejected. Noted Jan. 8.

Alabama—See "Streets and Roads."

Ark., Russellville — See "Streets and Roads."

Tex., Henrietta — See "Streets and Roads."

Tex., Houston—Mar. 15, by J. C. McVea, city secy., Bascule lift span of 100 ft. opening with 250 ft. creosoted timber approaches, 20 ft. driveway, 6 ft. sidewalk over Buffalo Bayou at 71st St. $50,000.

Tex., Sweetwater — See "Streets and roads."

Idaho—Mar. 14, by State Hy. Engineer, Boise, at room 202 Pioneer Bldg., Lewiston, for 570 ft. concrete bridge, 20 ft., at Spaulding, 1,284 cu.yd. concrete, 207,100 lb. metal reinforcements; also 368 ft. concrete and steel bridge, 20 ft., at Lapwai, 65,760 lb. structural steel, 953 cu.yd. concrete, 139,600 lb. metal reinforcement, both over Clearwater River, in NezPerce Co., for State Highway Dept.

BIDS RECEIVED

Colorado—State Hy. Dept., Dover, 325 ft. steel bridge over Apishapa River, and 30 ft. bridge over nearby canal on Federal Aid Project 272-A, Otero Co., from L. F. Williams, 347 Thatcher Bldg., Pueblo, $56,-435. Noted Feb. 12.

CONTRACTS AWARDED

North Carolina — State Hy. Comn., Raleigh, rein.-con. bridges and culverts on State Project 284, Wayne Co., to Gooch & Loving, Richmond, Va., $35,835; also on State Project 642, Iredell Co., to J. S. Bowers Whiteville, $55,469. Noted Feb. 12.

South Carolina — Beaufort — St. Helena Twp. Hy. Comn., Court House, Beaufort, 3,671 ft. rein.-con., steel and creosoted timber bridge connecting Beaufort with Ladies Island, State Project S-525, Beaufort Co., steel superstructure Contr. 1, to Phoenix Constr. Co., 41 Park Row, New York City $217,197; concrete substructure, timber trestles and embankments Contr. 2, to Amer. Bridge Co., Continental Trust Bldg., Baltimore, Md., $77,839. Noted Jan. 8.

Louisiana—See "Streets and Roads."

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, one 50 ft. concrete girder bridge and one 180 ft. steel substructure, incl. two 50 ft. concrete girder approach spans, on Route 36, Sect. 8-B, Adams Co., to A. Olson Constr. Co., Waterloo, Ia., $28,309; and one 180 ft. steel superstructure on Route 36, Sect. 8-C, Adams Co., to Vincennes Bridge Co., Vincennes, Ind., $14,975. Noted Dec. 11.

Tex., Baird—See "Streets and Roads."

Tex., Floresville — See "Streets and Roads."

Tex., Sonora—See "Streets and Roads."

Colo., La Junita — See "Excavation, Drainage, Irrigation, Levees."

Dams

PROPOSED WORK

Tex., Rusk—See "Waterworks."

Calif., Santa Barbara—See "Excavation, Drainage, Irrigation, Levees."

Que., Quebec—See "Waterworks."

CONTRACTS AWARDED

N. C., Chimney Rock — Chimney Rock Mountains, Inc., dam and power plant on Rocky Broad River, etc., to J. A. Gardner, 211½ North Tyron St., Charlotte, about $675,000. Noted Feb. 5.

Railways

PROPOSED WORK

Pennsylvania—See "Buildings-Industrial" under Lewisburg.

North Carolina—See "Buildings—Industrial under New Bern."

Ohio — Hocking Valley R.R. Co. (subsidiary of Chesapeake & Ohio R.R.), Spahr Bldg., Columbus, plans complete double

Railways (Continued)

tracking line between Columbus and Fostoria. $2,500,000. W. Michel, ch. engr.

Texas—San Benito & Rio Grande Valley Ry., San Benito, making plans and soon takes bids grading, bridging and track laying, 15 mi. road bed connecting old end of track at Sammons with west end on W. H. Nichols & Co's. contract near Hidalgo. $90,000 or more. Private plans.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Mass., Boston — Commonwealth of Massachusetts, Dept. Pub. Wks., State House, plans dredging Shirley Gut. $25,000. W. F. Williams, comr.

Mass., Scituate—Dept. Pub. Wks., State House, Boston, plans dredging, jetty extension and repairs in Scituate Harbor, here. $25,000. W. F. Williams, comr.

Minn., Minneapolis—Bd. Park Comrs., C. Doell, secy. City Hall plans dredging Powderhorn Lake. $135,000. Eng. Dept. of owner, engrs.

Tex., Denison—Making preliminary plans sedimentation basin at Randell Lake, 5½ mi. from here. $25,000. C. E. Hayden, Denison, engr.

Calif., Richmond—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, plans removing and depositing 700,000 cu. yd. material behind levees on adjacent shore in inner harbor, Contra Costa Co., here.

Calif., Santa Barbara—Property Owners, H. H. Henderson, Mihran Bldg., interested, plans irrigation work, incl. several reservoirs from 14,000 to 45,000 acre ft. capacity, earth and concrete core dams, power plants, etc. Approximately $2,000,000.

Que., Valleyfield — Dept. Pub. Wks., Parliament Bldg., Ottawa, Ont., soon takes bids dredging, here. $32,000.

BIDS DESIRED

Fla., Clewiston—Apr. 1, by F. D. Duff, secy., Sugarland D. D., about 138 mi. drainage ditches, embracing about 3, 180,000 cu.yd. excav. and about 27 mi. of levees, totaling 700,000 cu.yd. embankment. Elliott & Harman, Eng. Co., Bank of Commercial & Trust Bldg., Memphis, Tenn., engrs.

La., Port Allen—Mar. 10, by Bd. Comrs. Choctaw Basin D. D., W. L. Bernard, secy., drainage canals and clearing right of way in gravity subdrainage Dist. 1, West Baton Rouge Co., 800,000 cu.yd. excav., 164 acres clearing.

Minn., Minneapolis—Mar. 17, by A. P. Erickson, aud. Hennepin Co., constructing Co. Ditch 38, 37,030 lin.ft. 4- to 8-in. tile. $15,000. S. A. Norling, Excelsior, engr.

Neb., Wakefield—Mar. 20, by Bd. Directors North Logan D. D., 204,000 cu.yd. excav. in Sect. 1, 155,000 cu.yd. excav. in Sect. 2, 3,147,000 cu.yd. excav. in Sect. 3, incl. three 65 ft., two 50 ft. and two 55 ft. span thru girder bridge on steel piling, 16 ft. roadway, and two 3-panel 55 ft. and two 3-panel 50 ft. span standard truss pin connected bridge, 14 ft. roadway; also by Directors South Logan D. D., 150,000 cu. yd. excav. in Sect. 1, 120,000 cu.yd. excav. in Sect. 2, one 55 ft. and one 60 ft. span thru girder bridge, and two 3-panel 55 ft. span standard truss bridge, 14 ft. roadway, both on steel pile foundations. Rettinghouse & Co., 923 South Dakota Ave., Sioux Falls, S. D., engrs. Noted Jan. 8.

CONTRACTS AWARDED

La., Baton Rouge—State, 103,000 cu.yd. levee work, at Monchac Point, West Baton Rouge Parish, here, to O. O. Ogden, Roumain Bldg., $0.1523 per cu.yd.

Colo., Grand Junction—For 400,000 yd. drainage ditch, to Winterburn & Lunndau, Grand Junction, $0.12 per cu.yd.

Colo., La Junita—Holbrook D. D., 750,000 cu.yd. earth excav., 45 small bridges, etc., to Barnard-Curtiss Co., 612 Globe Bldg., Minneapolis, Minn., $84,995. Noted Dec. 18.

Calif., Los Angeles—Harbor Comn., for harbor maintenance dredging, to Merritt-Chapman & Scott Corp., 1st Natl. Bank Bldg., Wilmington, approximately $91,000.

Streets and Roads

PROPOSED WORK

Mass., Boston—Plans widening and constructing Walk Hill St. from Fottler Rd. to Wellington Hill. $25,000. J. F. Sullivan, secy. Street Laying Out Dept.

Mass., Cambridge (Boston P. O.)—Plans extending Granite St. from Magazine to Pleasant Sts., and widening Sidney, Henry and Brookline Sts. To exceed $25,000. Engineer not selected.

Mass., Fitchburg — Commissioner Pub. Wks., City Hall, plans reconstructing Broad St. $25,000. D. A. Hartwell, City Hall, engr.

Mass., Holbrook — Bd. Selectmen plans constructing and repairing Weymouth, Center, Howard, South, Spring, Pine, Sycamore, Laurel and Winter Sts., Sprague and Howard Aves. $25,000. Engineer not selected.

R. I., Providence—Plans asphalt paving about 2.5 mi. Weybosset, Dorrance and Westminister Sts. $110,000. W. H. Brandon, city engr.

N. J., Pennington—Bd. Freeholders Mercer Co. (Trenton), making plans paving 5,530 ft. Main St., here. $110,000. H. F. Harris, Court House, Trenton, engr.

N. J., Pennington—Hopewell Twp. Com. plans penetration macadam paving 2 mi. Pennington-Rosedale Rd. $60,000. Engineer not selected.

Pa., Millvale—Millvale Boro election Mar. 24, $35,000 bonds repairing Lincoln Ave., and $6,000 bonds for widening bridge.

North Carolina—State Hy. Dept. Raleigh (**S. P. means State Project and R. means Route**), plans grading, etc., 6.4 mi. S. P. 594, R. 77, Rockingham Co., $45,000; 10.5 mi. S. P. 300, R. 20, Columbus Co., $73,000; 14 mi. S. P. 547, R. 70, Hoke Co., $100,000; 11.2 mi. S. P. 527, R. 27, Davidson Co., $78,000; 10 mi. S. P. 521, R. 75, Davidson Co., $70,000; 9.5 mi. S. P. 347, R. 22, Cumberland Co., $66,000; 9.5 mi. S. P. 347, R. 22, Cumberland Co., $65,000; 8 mi. S. P. 112, 341, Camden Co., $56,000; 10.3 mi. S. P. 903, R. 10, Swain Co., $72,000; 9.1 mi. S. P. 844, R. 10, McDowell Co., $63,000; 10 mi. S. P. 883, R. 20, Rutherford Co., $70,000; 10 mi. S. P. 584, R. 75, Randolph Co., $70,000. C. M. Upham, Raleigh, engr.

North Carolina — State Hy. Comn., Raleigh, plans grading, etc. 12 mi. State Prospect 298, Wilson Co. $85,000. C. M. Upham, Raleigh, engr.

North Carolina—State Legislature authorized $20,000,000 bonds constructing roads and bridges during next 2 years. C. M. Upham, Raleigh, engr.

N. C., Murphy—Cherokee Co. plans grading 2.2 mi. road between here and Tennessee State line, Hot House Route. $138,000. Address J. G. Stikeleather, Asheville.

Fla., Avon Park — Plans election about Mar. 26, $500,000 bonds paving 10 mi. various streets, also recreation and athletic fields, golf courses, etc.

Fla., Bartow—City Council plans probably asphalt paving portions of Stuart, Floral, Swearingen, Vine and Wilson Sts. $71,645. R. B. Huffaker, mayor.

Fla., Frostproof — City Council plans grading and paving portions of Lake Clinch Blvd., $27,828; portions of Lime St. and Reedy Lake Blvd., $31,941; portions of Scenic Highway, $68,717; Reedy Lake Blvd. from Wall to F Sts., $30,170. B. F. Barber, clk.

Fla., Kissimmee — Plans paving 37 various streets. $100,000. E. B. Doughton, city mgr.

La., Baton Rouge — Voted $200,000 bonds, paving roads in new City Park, etc. Noted Jan. 22.

Mississippi — State Hy. Comn., Jackson, allotted $1,700,000 in federal aid funds for Fayette Co. $200,000, Hinds Co. $200,000, Warren Co. $150,000, Lauderdale Co. $175,000, Forest Co. $100,000, Attalla Co. $100,000, Lowndes Co. $80,000, etc. H. C. Dietzer, highway engr.

Miss., Aberdeen—Takes bids about Mar. 25, grading, concrete surfacing, etc. 40,000 sq.yd. various streets. A. L. Dabney, 820 Columbian Tower, Memphis, Tenn., engr. Noted Feb. 5.

O., Akron—W. F. Peters, dir. Pub. Serv. takes bids in spring grading, curbing, laying sidewalks and paving 5,600 ft. Stanton Ave. et al, 16,200 sq.yd. vitr. brick and 160 cu.yd. concrete, $142,000, 4,850 ft. Eaglewood Ave. et al, 160,000 sq.yd. vitr. brick and 140 cu.yd. concrete, $106,000; vitr. brick paving, etc. 1,500 sq.yd. Robinette and Luedella Courts, $11,500; grading, cindering and laying 3,000 sq.ft. 4 in. concrete sidewalks on Harold St., $1,700, 5,400 sq.ft. 4 in. concrete sidewalks on Van Everett Ave., $4,500, 12,200 lin.ft. 4 in. concrete sidewalks on Sherman and Baird Sts., $7,500. E. A. Kemmler, Delaware Bldg., engr.

O., Dayton—Plans vitr. brick or granite block repaving, etc., 3,500 sq.yd. East 5th St., $51,668; sheet asphalt resurfacing 3,300 sq.yd. Stratford Ave., $4,425. J. F. Hale, Dayton, city engr.

Ind., Crown Point—Lake Co. plans grading and graveling 12.5 mi. Dedelow Rd., $130,700; 13.2 mi. Aubry Rd., $145,000; and 12.2 mi. Chapman Rd., $131,000; all 24 ft. wide. C. K. Wallace, Crown Point, engr.

Ind., Elkhart—Plans sheet asphalt paving 14,884 sq.yd. Vine St., $38,700; and 10,692 sq.yd. Bower Rd., $27,800. Address H. J. Weaver, city engr.

Mich., Detroit—Plans sheet asphalt paving 9,390 sq.yd. Manor Ave. $46,950, 2,710 sq.yd. Monte Vista Ave., Sect. 2 $13,580, 3,570 sq.yd. Carmel Ave. $17,850, 3,400 sq.yd. Cherrylawn Ave. $17,010, 4,880 sq.yd. Longwood Ave. $24,430, 5,240 sq.yd. Racine Ave. $26,200, 2,770 sq.yd. Sheehan Ave. $13,870, 2,050 sq.yd. Norwalk Ave. $10,270, 2,080 sq.yd. Abrey Ave. $10,400, 1,350 sq.yd. Saginaw Ave. $6,750, 2,930 sq.yd. Comstock Ave. $14,690, 2,490 sq.yd. Tappan Ave. $12,480, 2,600 sq.yd. Farnsworth Ave. $13,050, 5,150 sq.yd. Pinehurst Ave. $25,750, 2,480 sq.yd. Olympia Ave. $12,400, 8,770 sq.yd. Lanta Ave. $43,850, 8,750 sq.yd. Riopelle St. $43,780, 6,120 sq.yd. Casmer Ave. $30,620, 3,130 sq.yd. Edgewood Ave. $15,650, 9,020 sq.yd. Longview Ave. $45,120, 12,940 sq.yd. State Fair Ave. $63,720, also 29,310 sq.yd. 19 alleys $73,391. G. Jerome, city engr.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids Dec. 17, grading Route 33, Sect. 3-A, Jasper and Crawford Counties. F. T. Sheets, ch. engr.

Wis., Madison — City, c/o H. C. Buser, clk., plans curbing, guttering and rein.-con. paving University, Spaight, Jenifer, Park, St. Paul, East Main, Prospect, Priney, Chadbourne, Mason, Stevens, Allen, Buttingham Fox, Charter and 2nd Sts. $500,000. Engineer not selected.

Ia., Cedar Rapids — Making plans concrete curbing, concrete, brick or segment block surfacing 12,610 sq.yd. various streets $35,000. T. F. McCauley, city engr. Noted Feb. 19.

Ia., Eldon—Making plans surfacing with various types 40,000 sq.yd. various streets, incl. 36,000 ft. curbing. $120,000. Brown & Cook, Ottumwa, engrs. Noted Nov. 20.

Ia., Keokuk — Plans 7 in. concrete surfacing 20,000 sq.yd. and brick on 6 in. concrete or resurfacing old brick with bitulithic or sheet asphalt 30,000 sq.yd. various streets. $120,000. F. W. Maxwell, city engr.

Ia., Ottumwa—Plans brick and concrete surfacing 10,700 sq.yd. various streets. $35,000. K. B. McBride, city clk.

Minn., Minneapolis—Plans paving 3.5 mi. Lake Calhoun Blvd. $285,000. Eng. Dept. of Bd. of Park Comrs., C. Doell, secy., City Hall, engrs.

Minn., Worthington—Nobles Co. making plans gravel surfacing about 35 mi. various streets. $50,000. C. J. Kall, co. aud.

Kan., Wichita—Plans asphaltic concrete surfacing 6 blocks River Blvd. from Central Ave. bridge over Little River to Sim Park Dr., 36 ft., and 6 in. concrete surfacing 1 block Orme St., 40 ft. P. L. Brockaway, City Bldg., engr.

Neb., Plattsmouth—Plans grading, curbing and hard surfacing 33 blocks Elm, Locust, Marble, Oak, Pearl, Rock, 3rd, 6th, 8th, 10th and 11ts Sts.

Mo., Neosho—Making preliminary plans grading, curbing and 7 in. concrete paving 12 blocks Jefferson St., etc. A. E. Thain, city engr.

Ark., Batesville — Takes bids in spring grading and hard-surfacing 75,000 sq.yd. various streets. $250,000. W. R. Heagler & Sons, Paragould, engrs.

Ark., North Little Rock — Making preliminary plans grading, hard-surfacing, etc. 19 blocks various streets. $70,000. G. D. Douglas, Southern Trust Bldg., Little Rock, engr.

Ark., Texarkana—Soon takes bids grading, curbing and hard-surfacing with concrete or asphaltic concrete 15 blocks County Ave. from 9th to 24th Sts. $40,000.

Tex., Anson — Jones Co. making plans grading, bituminous macadam surfacing and bridging 30 mi. State Highway 1, 18 ft. $600,000. F. E. Devlin, 614 Bitting Bldg., Wichita, Kan., engr.

Tex., Barstow — Ward Co. making plans macadam paving 11.13 mi. State Highway 1, 16 ft. $190,000. S. S. Posey, Barstow, engr.

Tex., Dallas — Plans paving 1.5 mi. Granada and Crescent Parkway to St. Andrews Dr., 16 or 18 ft. $30,000. Engineer not announced.

Streets and Roads (Continued)

Tex., Hallettsville—Lavaca Co. election soon $60,000 bonds, surfacing 8 mi. Rd. Dist. 2. Address County commissioners.

Tex., Palestine—Anderson Co. takes bids after Mar. 2, concrete surfacing 10.75 mi. State Highway 19, Federal Aid Project 543-C, 18 ft. $428,000. E. W. Davis, Palestine, engr.

Tex., Sinton — San Patricio Co. takes bids after Mar. 2, shell surfacing 6.38 mi. State Highway 67, Federal Aid Project 377-B, 16 ft. $75,136. F. M. Percival, Rockport, engr. Noted Jan. 15.

Tex., Waco—McLennan Co. election Mar. 28, $50,000 bonds grading, etc., 11 mi. Axtell Rd. Dist., from Tahuacana Creek to Hill Co. line, 26 ft. $50,000. M. Hannah, Waco, co. engr.

Tex., Whitesboro — Plans election soon $50,000 bonds permanent paving various streets. Address Mayor.

Okla., Oklahoma City — Plans grading and sheet asphalt surfacing etc. 5,600 sq.yd. Hickory St. and Randolph Ave. $30,000. B. M. Hart, City Hall, engr.

Okla., Pauls Valley—Rejected bids grading and 7 in. Troy gravel surfacing 14,500 sq.yd. various streets. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Feb. 19.

Calif., Pasadena—Voted $850,000 bonds curbing, guttering, sidewalks and 6 in. oil macadam paving, etc., Linda Vista Ave. to point 70 ft. between Linda Vista Bridge and Inverness Dr. Noted Jan. 22.

Calif., San Anselmo — Made plans improving Scenic, Elm and Plumas Aves., 1,800 cu.yd. grade, excav., 75,900 sq.ft. grade, surface, 66,800 sq.ft. asphaltic concrete and 9,100 sq.ft. concrete paving, 7,400 lin.ft. concrete curbing, 13,200 sq.ft. concrete gutter and valley, etc.; also portion of Redwood Rd., 800 cu.yd. grade, excav., 19,300 sq.ft. grade, surface, 2,400 lin.ft. concrete curb and gutter, 19,300 sq.ft. asphaltic concrete paving, etc. J. J. Jessup, city engr. Noted Dec. 18.

Calif., San Diego — Supervs. San Diego Co. making plans paving Hawley Blvd., 36th, 38th, 40th, 41st and 42nd Sts., 901,650 sq.ft. 1.5 in. sheet asphalt on 4 in. concrete; also 32nd and 33rd Sts., 104,728 sq.ft. 2 in. on 3 in. Willite, all in Normal Heights. P. R. Watson, 522 Spreckles Bldg., engr.

Calif., Tulare—Plans improving various streets, 241,800 sq.ft. 4 in. asphaltic concrete, 25,560 sq.ft. 5 in. concrete paving, 24,275 sq.ft. 4 in. concrete sidewalks, 9,050 lin.ft. concrete curb, 3,488 lin.ft. 8 and 10 in. vitr. storm sewers, 790 lin.ft. 8 in. corrugated iron pipe drain, etc. $68,400. J. P. Williams, city engr.

Ont., Perth — Lanark Co. takes bids in early spring, waterbound and bituminous macadam paving various roads. $140,000. S. B. Code, Smith Falls, engr.

BIDS DESIRED

New Hampshire — Mar. 9, by W. A. Stone, State Purch. Agt., State House, Concord, 138,000 gal. 45%, 679,934 gal. 65%, 9,034 gal. 90%, 340 tons 60-70 penetration, 195,175 gal. 100-120 penetration asphalt on various roads, $110,000; 24,000 gal. tar, Tarvia A, 2,568,646 gal. tar, Tarvia B, on various roads, $315,000. F. E. Everett, comr.

N. Y., Buffalo—Mar. 12, by Commissioner Pub. Wks., repairing all asphalt pavements out of guaranty for 1925. C. E. P. Babcock, Municipal Bldg., engr.

N. Y., New York—Mar. 12, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., bituminous concrete surfacing Marcy Pl.; sheet asphalt paving Mosholu Parkway, College, Kossuth and Townsend Aves.; granite block paving Jerome Ave., and granite block repaving Boston Rd.

N. Y., Orangetown—Mar. 20, by Town Bd. concrete paving highway. H. E. Essex, 8 North Bway., Nyack, town clk.; adv. E. N.-R. Mar. 5.

N. J., Freehold—Mar. 18, by Bd. Freeholders Monmouth Co., Court House, reconstructing 1.27 mi. Highlands-Stone Church Rd. 59, Sect. 1, rein.-con. G. K. Allen, Jr., 60 Broad St., Red Bank, engr.; adv. E. N.-R. Mar. 5.

N. J., Plainfield—Mar. 16, by Common Council, sheet asphalt paving 11,020 sq.yd. East and West 4th Sts. A. W. Vars, ch. engr.; adv. E. N.-R. Mar. 5.

N. J., Princeton—Mar. 10, by Freeholders Mercer Co. (Trenton), concrete paving 5,332 ft. Harrison St., her.e $60,000. H. F. Harris, Court House, Trenton, engr.

N. J., Stewartsville—Mar. 6, by Grewnich Twp. Com. reconstructing 14,609 sq.yd. Stewartsville-Bloomsbury Rd. H. W. Vetter, Belvidere, engr.

Pa., Springdale—Mar. 13, by Boro Council, 32,000 lin.ft. concrete curb and gutter, 143,000 sq.ft. concrete sidewalk and 32,000 ft. stone or brick stringer on Washington, Porter, Willow, North, Oak, Garfield and Walnut Sts., Rosslyn, Elwyn, Maxwell and Lincoln Aves.; grading Ruth and Spring Alleys, Chestnut, Willow, Oak, Walnut, North, Center and Garfield Sts., Elwyn, Lincoln and Marion Aves. Douglass & McKnight, 912 Columbia Bank Bldg., Pittsburgh, boro engrs.

Delaware—Mar. 18, by State Hy. Dept., Dover 4,300 ft. sidewalk at Claymont Contr. 52, improving 4.92 mi. Dover-Little Creek, Contr. CK24, and 148 ft. concrete bridge at Rehoboth, Contr. SC30A; adv. E. N.-R. Mar. 5.

Maryland — Mar. 10, by Dept. Pub. Wks., Baltimore, oiling 429.27 mi. highways in Cecil, Kent, Queen Annes, Caroline, Talbot, Howard, Prince Georges, Montgomery, Anne Arundel, Calvert, Charles, St. Marys, Baltimore, Harford, Carroll, Frederick, Garrett, Allegheny and Washington Counties. J. N. Mackall, chn.; adv. E. N.-R. Mar. 5.

Md., Baltimore—Mar. 11, by Bd. Awards, improving various streets, 11,940 sq.yd. sheet asphalt on concrete, Contr. 269-OANA; and 5,910 sq.yd. cement concrete, Contr. 270-OCOANA. L. G. Turner, 214 East Lexington St., acting chn. paving com.

West Virginia — Mar. 24, by State Rd. Comn., Charleston, improving 6.5 mi. Project 3243, 0.6 mi. Project 140-A, and 4 mi. Project 140-B, Greenbrier Co.; 9 mi. Projects 3059 and 3200, and 1.4 mi. Project 3282-B, Logan Co.; 6 mi. Project 3250-B, Mason Co.; 11.5 mi. Project 44-A and B, Mercer Co.; 0.7 mi. Project 3284, and 4 mi. Project 86, Mingo Co.; 1 mi. Projects 3126 and 3176, and 1.25 mi. Project 3114-B and D, Brooke Co.; 1.5 mi. Project 3249-A, 7.5 mi. Project 3316-A and C, and 1 mi. Project 3163, Calhoun Co.; 0.25 mi. Project 2053, Hancock Co.; 4.3 mi. Project 3132, and 7.1 mi. Project 3164, Jackson Co.; 7.2 mi. Projects 3167-B and C, or 144-C, and 3.6 mi. Project 3167-D or 144-A, Marshall Co.; 2 mi. Project 3262 or 144-B, and 2.5 mi. Project 3292, Wetzel Co.; Project 2063, Ohio Co.; 8.1 mi. Project 3160 or 145-A, Doddridge Co.; 2 mi. Project 3275, Marion Co.; 6.2 mi. Project 3203-D, Preston Co.; 7.2 mi. Project 3215-A and 4 mi. Project 122-C, Grant Co.; 3 mi. Project 3011-A, and 5.6 mi. Project 135-A, Hampshire Co.; 4.3 mi. Project 3030-B, Morgan Co. E. B. Carskadon, secy.; adv. E. N.-R. Mar. 5.

West Virginia — Mar. 26, by State Hy. Dept., Charleston, improving 5.5 mi. Project 137-3, Monroe Co.; 6 mi. Project 141, Pocahontas Co.; 11.5 mi. Project 121, Mercer Co.; 2.7 mi. Project 3129, McDowell Co.; 3.3 mi. Project 3128-A, Wyoming Co.; 4.5 mi. Project 3252-B, Pleasants Co.; 3 mi. Project 3260 or 143-B, Ritchie Co.; 4 mi. Project 3116-C or 143-C, Wood Co.; 4 mi. Project 3291, Tyler Co.; 8.2 mi. Project 3274 or 146-A, Monongalia Co.; 6.5 mi. Project 3229, Taylor Co.; 5 mi. Project 3277-A, Upshur Co.; 6.3 mi. Project 3220, Berkeley Co.; 5 mi. Project 3214-A, Hardy Co.; 5 mi. Project 3217-B, Jefferson Co.; 4.7 mi. Project 122-A, Mineral Co.; 5.1 mi. Project 3211-B, Randolph Co.; 4.4 mi. Project 3174-A, Tucker Co. E. B. Carskadon, secy.; adv. E. N.-R. Mar. 5.

W. Va., Philippi — Mar. 20, by State Road Comn. and Barbour Co., Court House, grading and bituminous macadam surfacing 6.84 mi. Philippi-Buckhannon Rd., Union Dist. between Philippi Dist. line and Upshur Co. line. E. B. Carskadon, secy. State Rd. Comn. J. F. Hewitt, co. clk.

North Carolina — Mar. 24, by State Hy. Comn., Raleigh, hard surfacing 5 projects in 5 counties; and topsoiling sand clay graveling or grading 4 projects in 4 counties; adv. E. N.-R. Mar. 5.

Fla., Tampa—Mar. 13, by Bd. Comrs. Hillsborough Co., W. T. Williams, chn., grading, concrete curbing and 2 in. Filbertine on 5 in. lime rock paving, portions of Grady Ave. and Barcelona $25,000, portions of Bay to Bay Blvd. $35,000, portions of Selville and Vasconia Sts. $35,000, portions of Leona and Corona Sts. $35,000, portions of Tacon and San Luis Sts. $35,000, portions of San Pedro and Obispo Sts. $35,000, portions of Empedrado and Santiago Sts. $25,000, portions of Granada and San Juan Sts. $25,000, Manhattan Ave. $60,000, Hubert Ave. $25,000, portions of Clark and Palmira Aves. $25,000, Lais Ave. $25,000, all in Maryland Manor subdivision; improving portions of Silene and 3rd Aves., at Ballast Point, 7,686 sq.yd. vitr. brick paving on 4 in. rock, 3,351 sq.yd. 2½ in. asphalt block on 5 in. lime rock, 6,744 lin.ft. concrete curbing and guttering, $30,000. A. B. Pimm, Court House, engr.

Alabama—Mar. 18, by State Hy. Dept., Montgomery, grading and gravel surfacing 25.09 mi. Stockton-Little River Rd., Federal Aid Project 140, Baldwin Co., 12.808 mi. Selma-Plantersville Rd., (portion of Selma-Clanton Rd.), State Project 23, Dallas Co., incl. bridge at Sta. 1019-85, 120 cu.yd. concrete, 11,000 lb. reinforcing, etc.; and concrete surfacing 1.925 mi. Demopolis Rd., State Project 65, Maringo Co. W. S. Keller, highway engr.

La., Kentwood—Mar. 17, by Bd. Supervs. Consolidated Rd. Dist. B, Tangipohoa Parish, constructing various highways. E. G. Freiler, Kentwood, engr.

La., New Orleans — Mar. 24, by City Comn. second half of paving program for 1925.

O., Cleveland—Mar. 11, by Commissioners Cuyahoga Co., paving Bishop Rd. $58,700, Bishop Rd. 2 $45,700, and Ford Rd. $64,700. F. Lander, Court House, engr. Noted Jan. 22.

Ind., Bloomington—Mar. 7, by B. Welch, engr., Bloomington, concrete paving 13,200 sq.yd. Shields Rd., for Monroe Co. $25,000. Noted Feb. 26.

Ind., Evansville—Mar. 12, by R. Meissinger, co. engr., Evansville, waterbound macadam paving 37,322 sq.yd. Miller Rd., for Vanderburg Co. $59,715.

Ind., Ft. Wayne — Mar. 7, by O. M. Darling, engr., Ft. Wayne, grading and graveling 2.6 mi. Covington Rd., $25,846, and 10 mi. Huntington Rd., $91,955, both 24 ft., for Allen Co.

Ind., Huntington — Mar. 7, by P. V. Smith, engr., Huntington, grading and graveling 5 mi. Shultz Rd., 24 ft., for Huntington Co. $67,955.

Ind., Indianapolis—Mar. 9, by G. Schmidt, engr., 407 Fidelity Trust, concrete paving paving 22,704 sq.yd. Esmon Rd. $77,000, 25,555 sq.yd. McGregor Rd. $82,437, and 15,506 sq.yd. Kassebaum Rd. $56,800; bituminous macadam paving 26,716 sq.yd. Duval Rd $98,013, for Marion Co. Noted Feb. 26.

Ind., Indianapolis — Mar. 12, by G. Schmidt, engr., 407 Fidelity Trust, concrete paving 17,730 sq.yd. Williamson Rd., $54,295, 16,938 sq.yd. Beasley Rd., $54,077, and 28,406 sq.yd. Fitch Rd., $116,327 for Marion Co. Noted Feb. 26.

Ind., Knox—Mar. 7, by C. A. Goode, engr., Knox, grading and graveling 2.1 mi. Hoke Rd., 24 ft., for Stark Co. $27,261.

Ind., Logansport—Mar. 7, by R. A. Hyman, engr., Logansport, grading and graveling 18,100 ft. Pearsey Rd., for Cass Co. $26,769.

Ind., Paoli—Mar. 7, by R. E. Pinnick, engr., Paoli, grading and graveling 17,838 ft., County line Rd., for Orange Co. $26,220.

Ind., Terra Haute—Mar. 7, by G. Grimes, engr., 1006 South Center St., concrete paving 25,344 sq.yd. Sherburn Rd., for Vigo Co. $62,512. Noted Feb. 26.

Ind., Vincennes — Mar. 7, by W. D. Hanlon, engr., Vincennes, grading and graveling 5.324 mi. Borgemeier Rd., $53,353; and 1.663 mi. Parker Rd., $25,306, both 24 ft., for Knox Co. Noted Feb. 26.

Michigan—Mar. 13, by State Hy. Dept. at office Comrs. Bay Co., Bay City, grading and concrete surfacing 1.982 mi. road in Kawkawlin Twp.

Ill., McHenry—Mar. 13, by City Clerk, improving 2 projects, 21,608 sq.yd. concrete or Warrenite paving. $97,118. Wells Eng. Co., Geneva, engrs.

Wis., Appleton—Mar. 24, by E. L. Williams, city clk., sheet asphalt, vibrolithic concrete or Warrenite bitulithic paving, etc., 60,000 sq.yd. 12 streets. To exceed $25,000. Noted Feb. 26. R. M. Connelly, City Hall, engr.

Wis., Milwaukee—Mar. 9, by Dept. Pub. Wks., for 12,160 sq.yd. concrete paving, 3,900 cu.yd. excav., etc., in 11 alleys. G. H. Randall, City Hall, engr.

Wis., Manitowoc — Mar. 13, by A. H. Zander, city clk., grading and rein.-con. paving 12,798 sq.yd. New York Ave., 3,561 sq.yd. South 14th St., and 25,625 sq.yd. Marshall St. To exceed $25000. F. Alter, City Hall, engr. Noted Feb. 26.

Wis., Prairie du Chien—Mar. 12, by W. Feuthin, city clk., improving 2nd, York, Hayden, Michigan, and Church Sts., 15,406 cu.yd. excav., 17,445 lin.ft. concrete curb and gutter, 35,334 sq.yd. vibrolithic rein.-con., one course rein.-con. or asphaltic concrete on concrete. A. Martin, City Hall, engr.

Ia., Davenport—Mar. 11, at office of H. W Phillips, supt. Public Construction, improving various streets, 28,435 sq.yd. bitulithic or sheet asphalt surfacing, 4,519 sq.yd. rein.-con. or vertical fibre brick surfacing,

Streets and Roads (Continued)

1,030 ft. concrete header, 12,434 cu.yd. excav., 22,552 ft. combined curb and gutter; also various alleys, 19,074 sq.yd. concrete surfacing and 5,454 cu.yd. excav.

North Dakota — Apr. 3, by State Hy. Dept., and Comrs. Pierce Co., at Court House, Rugby, improving 9.078 mi. highway east and north of Balta, Federal Aid Project 204, Sect. B, 89,969 cu.yd. earth, and 3,400 cu.yd. rock excav., etc.

North Dakota — Apr. 7, by State Hy. Comn., and Bd. Comrs. Emmons Co., at Court House, Linton, improving 6.009 mi. highway east of Hagus, Federal Aid Project 269, 32,319 cu.yd. earth and 650 cu.yd. rock excav., etc.

Mo., Kahoka—Mar. 16, by C. I. Keister, city clk., City Hall, grading, curbing and concrete paving 8,600 sq.yd. Main, Morgan, Commercial and Washington Sts. W. B. Rollins & Co., 521 Railway Exch. Bldg., Kansas City, engrs.

Mo., St. Louis — Mar. 24, by Bd. Pub. Serv., 208 City Hall, removing brick pavement and foundation and repaving with asphalt on concrete, concrete curb, etc., 6,815 sq.yd. 18th St., $40,600; Warrenite bitulithic reconstructing 4,975 sq.yd. Belt St., $21,400; asphaltic concrete paving, granite curbing, and concrete guttering 2,030 sq. yd. Concord St. $13,700, 615 sq.yd. Pennsylvania St. $5,350, 2,940 sq.yd. Robert Ave. $18,725; building up with new concrete over existing concrete gutters and constructing new concrete gutters and Warrenite on concrete paving 10,450 sq.yd. De Tonty St., $56,800; Warrenite on concrete paving 3,105 sq.yd. San Francisco St. $19,-600, 4,200 sq.yd. Lake St. $17,350; concrete paving granite curbing, etc., 1,515 sq. yd. Frederick St., $8,340, and 4,135 sq.yd. Nagel St. $22,600; vitr. brick on concrete, and granite curbing 2,040 sq.yd. West Park St., $12,525. W. W. Horner, city engr.

Ark., Russellville — Mar. 16, by G. S. Neal, town secy., improving various streets in Dist. 4, 10,000 cu.yd. excav., 37,000 ft. combined curb and gutter, 50,000 sq.yd. 6 in. concrete, 28,500 sq.yd. 2 in. asphaltic concrete on 5 in. concrete, 18,000 sq.yd. 6 in. concrete, etc., also 2,790 ft. 15- to 24-in. vitr. clay sewers, etc. S. G. Davies, Morrilton, consult. engr. F. Ragsdale, Russellville, engr. Noted Feb. 19.

Tex., Austin—Mar. 12, by G. S. Mathews, judge Travis Co., grading, etc., 6 mi. Austin-Cameron Rd., 24 ft. shoulder to shoulder. $27,000. O. Leonard, Box 256, co. engr.

Tex., Henrietta—Mar. 24, by J. P. Williams, judge Clay Co., grading and bridging 7.14 mi. State Highway 5, Federal Aid Project 448-A, 28 ft. $83,465. D. M. Puckett, Henrietta, co. engr.

Tex., Sweetwater — Mar. 27, by A. S. Mauzey, judge Nolan Co., grading and bridging 15.31 mi. State Highway 1, Federal Aid Project 444-D, 26 ft. $108,640. Noted Feb. 19.

Calif., Huntington Park — Mar. 16, by City, improving Irvington Ave., 117,232 sq. ft. 6 in. asphaltic concrete, 544 lin.ft. curbing, 14,153 sq.ft. 6 and 8 in. guttering, 1,231 sq.ft. sidewalks. To exceed $25,000. P. E. Kressley, 732 H. W. Hellman Bldg., Los Angeles, engr.

Calif., Sacramento—Mar. 23, by Supervs. Sacramento Co., concrete paving portion of River Rd. $41,500. C. W. Deterding, Jr., Sacramento, co. engr.

Calif., San Diego — Mar. 16, by A. H. Wright, city clk., improving Witherby St., Ingleside Ave. and alley in Block 7, Mission Hills, 63,227 sq.ft. 1.5 in. asphaltic concrete on 4 in. concrete, 5,314 sq.ft. 4 in. concrete, 1,947 cu.yd. excav., 1,942 cu.yd. embankment, 5,313 sq.ft. concrete sidewalks, etc.; Trias and Pine Sts., 41,703 sq.ft. 2 in asphaltic concrete on 3 in. bituminous, 6,504 sq.ft. concrete sidewalks, 1,364 ft. concrete curb, 1,372 cu.yd. excav., etc.; Santa Monica Ave., 74,852 sq.ft. 4 in. concrete paving, 17,784 sq.ft. concrete sidewalks, 3,821 ft. concrete curb, 9,945 cu.yd. excav., 3,864 cu.yd. embankment, etc. H. A. Van Norman, city engr.

BIDS RECEIVED

Mass., Boston—Dept. Pub. Wks., bituminous repairing any street not under guarantee when ordered by Commissioner from Mar. 1 to Dec. 31, from Central Constr. Co., 228 Southampton St., Roxbury, $102,-450. Noted Feb. 19.

Mass., Boston—Supply Dept., City Hall, furnishing Dept. Pub. Wks., Water Serv., 150,000 lb. sidewalk castings, from E. L. Le Baron Fdry. Co., Commercial Yard, Brockton, $0.0545 per lb., 200,000 lb. frames and covers, and iron castings, from Worcester Fdry. Co., 180 Prescott St., Worcester, $0.026 per lb.; 100,000 lb. flanged frames and iron castings, from Foran Fdry. Mfg. Co., Flemington, N. Y., $0.0497 per lb.; 57,000 lb. composition castings, from Revere Brass Co., (1) $0.19 per lb. (2) $0.22 per lb., from Gibby Fdry. Co., East Boston (3) $0.17 per lb.; 480,000 gate and hydrant iron castings, from Chemung Fdry. and Supply Co., 502 Erie St., Elmira, N. Y., $0.055 per lb.; 50 hydrants, from A. P. Smith, Norman St., East Orange, N. J., $238 each. Noted Feb. 12.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, Feb. 25, asphalt repaving Empire Blvd., from Sicilian Asphalt Paving Co., 41 Park Row, New York City, $18,237; Hamilton Ave., from Bradner Contg. Co., 830 Jefferson Ave., $77,621; Marcy Ave., from Borough Asphalt Co., 1301 Metropolitan Ave., $43,486. Noted Feb. 19.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Feb. 25, grading Elm St., from Richmond Paving Co., 48 Hylan Blvd., Rosebank, $3,408. Noted Feb. 19.

Pennsylvania—State Hy. Dept., Harrisburg, Feb. 27 **(R. means Route and A. Application)**, rein.-con. surfacing, etc., R. 295, A. 3195, Crawford Co., from Russel Bros., R. D. 5, Youngstown, O., $234,278; R. 99, Cameron and Elk Counties, from W. D. Fote, 130 South 4th St., Olean, N. Y., $506,-806; R. 95, McKean Co., from F. D. Ross, 74 High St., Bradford, 443,642; R. 285, A. 3147, Berks Co., from D. L. Risser, 713 Walnut St., Lebanon, $218,576; R. 189, Indiana Co., from Johnson Drake & Piper, Inc., 834 Soo Line Bldg., Minneapolis, Minn., $417,241; R. 5, Luzerne Co., from J. Newcomb, 156 Carroll St., Pittston, $55,-014; R. 174, Susquehanna Co., from M. Barber, 180 Henry St., Binghamton, N. Y., $102,477; R. 198, A. 3157, Montgomery Co., from Ambler Davis Co., 1016 Harrison Bldg., Phila., $301,913; R. 256, A. 1078 and 2959, Greene Co., from T. Cronin, South 18th and Fox Sts., Pittsburgh, $293,913; R. 336, A. 2923, Dauphin Co., from W. M. Moser, 121 North Oak St., Mt. Carmel, $127,991; R. 164, Carbon Co., from Sherman & Rhodes, Bridgeville, Del., $360,624; R. 219, Centre Co., from James & Nicholson Co., Inc., 307 Johnstown Trust Bldg., Johnstown, $458,763; R. 83, A. 3194, Crawford Co., from Lewis & Freesinger Co., Rockford, O., $93,441; R. 188, A. 3039, Westmoreland Co. and R. 228, A. 3173, Allegheny Co., from Standard Constr. Co., 1003 18th Ave., Altoona, $34,947 and $60,-781 respectively. Noted Feb. 5.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, grading and gravel surfacing 2.55 mi. Many-Robeling Highway, Federal Aid Project 399 A, from L. M. Wimberly, Arcade, $38,795; 4 mi. Many-Zwolle Highway, State Project 398 A, both Sabine Parish, from J. J. Beeson, Fullerton, $35,841.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, graveling 7.13 mi. Compti-Golden Highway, from Meyer-Greenwald Constr. Co., Monroe, $38,216, 3.79 mi. Natchitoches-Leesville Highway, State Project 315, and 2.52 mi. State Project 315 A1, from Spencer Bros., Minden, $28,585, all foregoing Natchitoches Parish, and $33,124 respectively, 2.93 mi. Robeline-Many Highway, Sabine Parish, from A. M. Wilkes, Alexandria, $16,122; constructing Black Lake Bridge, on State Project 425 B, from A. M. Blodgett, New Orleans, $10,417. Noted Jan. 22.

Ohio — Dept. Highways & Pub. Wks., Columbus, Feb. 20, grading, bridging and paving roads with (a) Kentucky rock asphalt (b) concrete (c) bituminous macadam asphalt (d) tar (e) sheet asphalt, incl. stone (f) state to furnish stone (g) asphaltic macadam, incl. stone (h) concrete incl. stone (i) waterbound macadam (j) rein.-con. brick (k) brick (l) brick incl. brick (m) state to furnish brick (n) concrete and waterbound gravel (o) bituminous macadam asphalt, incl. stone (p) tar macadam (q) rein.-con. (r) surface treated water bound macadam (s) tar macadam, state to furnish stone (1) 2.585 mi. Sect. "I" Lima-Ottawa Rd., Allen Co. (2) 1.87 mi. Sect. "E-I" Lima-Spencerville Rd. Allen Co. (3) 3.636 mi. Sect. "V" Cincinnati-Dayton Rd., Butler Co. (4) 0.329 mi. Sect. "Monrce" Cincinnati-Dayton Rd., Butler Co. (5) 3.666 mi. Sect. "W-I" Cincinnati-Dayton Rd., Butler Co. (6) 4.839 mi. Sect. "A" Harrisburg-Westville Rd., Columbiana and Mahoning Counties (7) 4.544 mi. Sect. "A" Cleveland-Westville Richfield Rd., Cuyahoga Co. (8) 2.077 mi. Sect. "A-2" Lancaster-Logan Rd., Fairfield Co. (9) 0.262 mi. Sect. "Harrisburg" Columbus-Washington C. H. Rd., Franklin Co. (10) 0.04 mi. Sect. "L Bridge" Mt. Vernon-Coshocton Rd. Knox Co. (11) 5.979 mi. Sect. "F" Columbus-Cincinnati Rd., Madison Co. (12) 1.301 mi. Sect. "G" Bono-Port Clinton Rd., Ottawa Co. (13) 3 mi. Sect. "U-2" Ohio River Rd., Scioto Co. (14) 0.979 mi. Sect. "New Comerstown" Urichsville-New Comerstown Rd., Tuscarawas Co. (15) 0.637 mi. Sect. "New Comerstown," Tuscarawas Co. (16) 4.166 mi. Sect. "I" Columbus-Cincinnati Rd., Warren Co. (17) 4.034 mi. Sect. "A-1" Bucyrus-Sandusky Rd., Wyandot Co. (18) 1.003 mi. Sect. "A-2" Bucyrus-Upper Sandusky Rd., Wyandot Co. (19) 1.465 mi. Sect. "I-2" Bucyrus-Upper Sandusky Rd., Wyandot Co. (20) 0.98 mi. Sect. "A" Nevada-Northern Rd., Wyandot Co., from R. I. Harris, Hicksville (a1) $64,875; from Churchill & Enck, Lima (b1) $71,360; from R. Stone Contg. Co., 433 Amer. Bank Bldg., Lima (a2) $43,417 (c2) $38,587 (d2) $38,221 (e3) $132,350 (f11) $79,777 (o11) $119,543 (p11) $118,280 (r16) $92,442 (s11) $78,513; from Andrews Asphalt Paving Co., Hamilton (e3) $136,920 (f3) $106,920 (o11) $10,844 (f4) $8,844 (f5) $98,108; from Pringle & Buerkle, Batavia (g3) $112,359 (g4) $8,851 (g5) $119,734; from J. I. Geiger, 409 Dayton Savings & Trust Bldg., Dayton (f3) $118,448 (h3) $118,684 (f4) $9,277 (f5) $108,169 (h5) $110,172; from Brewer & Brewer, Chillicothe (f4) $8,844; from Bigler Bros., Middletown (h4) $8,949; from G. A. Gialdini & Co., 15 East Front St., Youngstown, (i6) $95,795; from Dorsey Constr. Co., Findlay (j7) $261,660; from L. L. Adler, Worthington (k7) $301,942; from Lewis & Copeland, Lima (l8) $85,-193; from W. C. Brown, Chillicothe, (l9) $13,692; from O. M. Junk, Chillicothe (m9) $11,000; from F. M. Schreckengast, Newark (n10) $19,672; from H. W. Bergman, Genoa, (c12) $34,953 (p12) $35,507; from Modern Constr. Co., Fremont (q12) $41,707 (m18) $25,240 (m19) $38,700; from S. Monroe Co., Portsmouth (l13) $142,143; from W. L. Johnson Co., Hicksville (q14) $28,526; from D. Kissling, Bucyrus (q15) $18,183; from Peerless Constr. Co., Fremont, (l17) $138,500 (m17) $98,517; from Johnson Eng. Co., Napoleon, (l18) $32,629 (l19) $50,771; from L. D. Kear, Wharton, (a20) $23,092 (c20) $21,398 (p20) $21,680. Noted Feb. 12.

Wis., Juneau — O. A. Schumacher, city clk., Feb. 24, paving 20,088 sq.yd. various streets, from Cast Stone Constr. Co., South Barstow St., Eau Claire, rein.-con. at $2.09 per sq.yd., total $62,566; from Whitewater Bridge Co., Whitewater, vibrolithic concrete at $2.24, total $65,011. Noted Feb. 12.

Wis., Oshkosh—City Feb. 24, re-surfacing with (a) asphalt (b) concrete (c) vibrolithic (d) tar filled Macadam (1) 5,060 sq. yd. Wisconsin Ave., (2) 9,010 sq.yd. 11th St. (3) 4,881 sq.yd. Sawyer Ave. (4) 1,810 sq.yd. 15th St., from J. Rasmussen & Sons Co., foot of 7th St., (a1) $2.70 per sq.yd. (a2) $2.65 (a3) $3 (a4) $2; from Lampert Constr. Co., Main St., (b1) $2.74; from C. Johnson, Hayes Blk. (b2) $2.57 (b4) $2.48 (d4) $2; from L. A. Larsen & Co., Main St., (b3) $3.45 (c3) $3.61. Noted Dec. 25.

Ind., Albion — Noble Co., grading and graveling 3.1 mi. Sanders Rd., 24 ft., from C. E. Holderbaum, Columbia City, $27,750. Engrs. est. $31,396.

Ind., Boonville — Warrick Co., grading and graveling 3.6 mi. Sousott Rd., 24 ft., from A. B. Kremp & Son, Jasper, $26,386. Engrs. est. $34,000.

Ind., La Porte—La Porte Co., grading and graveling 3.6 mi. Leubker Rd., 24 ft., from A. W. Taylor & Co., La Porte, $37,620. Engrs. est. $38,750.

Neb., Omaha — Paving with (a) Class "B" asphalt (b) Class "B" asphaltic concrete (c) Class "K" brick (d) asphalt (e) concrete (f) vitr. brick (g) Class "B" art stone in (1) 2,730 sq.yd. Dist. 1859 (2) 747 sq.yd. Dist. 1922 (3) 1,051 yd. Dist. 2043 (4) 1,632 yd. Dist. 2089 (5) 2,259 yd. Dist. 2237 (6) 1,423 yd. Dist. 2300 (7) 1,897 yd. Dist. 2376 (8) 924 yd. Dist. 2395 (9) 1,028 yd. Dist. 2426 (10) 4,441 yd. Dist. 2481 (11) 1,778 yd. Dist. 2525 (12) 681 sq. yd. Dist. 2554 (13) 698 sq.yd. Dist. 2560 (14) 3,242 sq.yd. Dist. 2568 (15) 1,858 sq. yd. Dist. 2587 (16) 4,060 sq.yd. Dist. 2591 (17) 600 sq.yd. Dist. 2595 (18) 453 sq.yd. Dist. 2600 (19) 1,421 sq.yd. Dist. 2603 (20) 11,092 sq.yd. Dist. 2610 (21) 3,512 sq.yd. Dist. 2613 (22) 903 sq.yd. Dist. 2619 (23) 946 sq.yd. Dist. 2621 (24) 770 sq.yd. Dist. 2622 (25) Dist. 2625 (26) 423 yd. Dist. 2631 (27) 2,104 yd. Dist. 2652 (28) 633 yd. Dist. 2676 (29) 684 sq.yd. Dist. 2697 (30) 613 sq.yd. Dist. 2696 (31) 1,321 sq.yd. Dist. 2701 (32) 13,680 sq.yd. Dist. 2712 (33) 16,-559 sq.yd. Dist. 2720 (34) 4,261 sq.yd. Dist. 2602, from J. Sherlock, 1805 Dodge St., (a1) $2.58 per sq.yd. (b1) $2.28 (d1) $2.56 (e4) $2.26 (d5) $2.58 (e5) $2.28 (d6) $2.58 (e6) $2.28 (d7) $2.56 (e7) $2.28 (d8) $2.65 (d9) $2.65 (e9) $2.35 (d10) $2.55 (d11) $2.59 (e11) $2.29 (d15) $2.57 (e15) $2.27 (d16) $2.56 (e16) $2.26 (f20) $3.37 (e23) $2.37 (d29) $2.71 (e29) $2.41; from J. C. Redd, 2560 Mary St., (c1) $3.375 per sq.yd. (f4) $3.36 (f5) $3.365 (f6) $3.375

Streets and Roads (Continued)

(f7) $3.365 (f9) $3.36 (f11) $3.36 (f12) $3.38 (f13) $3.37 (f16) $3.355 (f19) $3.38 (g21) $2.20 (f23) $3.39 (f24) $3.38 (f29) $3.37 (f30) $3.375 (g33) $2.25; from Natl. Constr. Co., 310 Arthur Bldg., (d2) $2.64 per sq.yd. (e2) $2.34 (f2) $3.44 (e10) $2.24 (d13) $2.67 (e13) $2.37 (d14) $2.52 (e14) $2.23 (d18) $2.52 (e18) $2.23 (d19) $2.67 (e19) $2.37 (d20) $2.64 (e20) $2.23 (d21) $2.52 (e21) $2.23 (d22) $2.64 (e22) $2.34 (d24) $2.74 (e24) $2.44 (d25) $9.75 for top and $7.85 for binder (d27) $2.52 (e27) $2.23 (d31) $2.52 (e31) $2.23 (d32) $2.48 (e32) $2.21 (d33) $2.52 (e33) $2.23; from S. Catalano, 2206 South 12th St., (g3, 17, 18 and 28) $1.62 each (g18) $1.63; from J. Kerns Constr. Co., 1809 Dodge St., (e8) $2.28 (f8) $3.40 (f10) $3.39 (d12) $2.65 (e12) $2.40 (f14, 15, 18, 21 and 22) $3.40 each (d23) $2.60 (g27) $3.40 (b30) $2.33 (g31) $3.40 (d32) $10 for top and $7 for binder (f32) $3.39 (f33) $3.40; from L. S. Noble, 1944 South 12th St., (g26) $1.65.

Tex., Sonora — Sutton Co., grading and bridging State Highway 27, from W. T. Montgomery, Alamo Bank Bldg., San Antonio, $264,901. Noted Oct. 23.

Calif., San Diego—A. H. Wright, city clk., Feb. 24, from Griffith Co., 25 14th St., improving 6th and Date Sts., 233,776 sq.ft. 2 in. on 3 in. asphaltic concrete at $0.16 per sq.ft., 2,641 sq.ft. concrete sidewalks $0.22, 915 lin.ft. concrete curb $0.65, etc., total $38,968. Noted Feb. 12.

CONTRACTS AWARDED

N. Y., New York—J. Miller, pres. Manhattan Boro., curbing and flagging Chittenden Ave., to M. Del Balso, 660 East 221st St. $38,978; asphalt repaving Amsterdam Ave., to Gaffney Constr. Co., 450 East 91st St., $82,926; widening and granite block repaving 14th St., to C. Helbock, 633 Wales Ave., $100,579; granite block repaving 34th St., to Poirier Contg. Co., 1476 Bway., $68,057. Noted Feb. 19.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro., grading and concrete paving Hylan Blvd., to J. Johnson Sons, 455 Bway., West New Brighton, $285,313. Noted Feb. 19.

Pennsylvania—State Hy. Dept., Harrisburg, rein.-con. surfacing 7 in. edges and 5 in. center 14,400 sq.yd. Application 985, Canoe Twp., Indiana Co., to Milligan & Ringler, Blairsville, $3.44 per sq.yd., total $67,647. Noted Mar. 5.

Pennsylvania—State Dept. Hys., Harrisburg, rein.-con. surfacing 7 ft. edges, 5 ft. center, 22,820 sq.yd. Route 236, Application 3063, Potter Co., to United Constr. Co., Lock Haven, $3 per sq.yd., total $101,602; 10,960 sq.yd. Application 550, York Co., to H. T. Campbell Sons, Towson, Md., $3.43 per sq.yd., total $57,648. Noted Jan. 29.

North Carolina—State Hy. Dept., Raleigh, concrete paving 6.4 mi. road from State Highway Route 11 to Stokes, and 4.1 mi. road from Ayden to Green Co. line, both 16 ft., to Roberts Paving Co., Salisbury, Md., $130,970 and $83,902 respectively.

North Carolina—State Hy. Comn., Raleigh, asphalt on concrete paving 11.14 mi. State Project 642, Iredell Co., to Stearns Bros., Inc., Statesville, $443,655; and 13.77 mi. State Project 284, Wayne Co., to Noll Constr. Co., Charlotte, $413,029. Noted Feb. 29.

Ga., Valdosta—Sheet asphalt on concrete surfacing 50,000 sq.yd. various streets, to Dixon Contg. Co., 793 East St. Julian St., Savannah, approximately $110,000.

Fla., Fort Mead — For paving 40,000 sq.yd. various streets with Findey type, Method "B," to Pryor & Dean, Haines City, $52,628.

Ala., Anniston — Asphalt surfacing 4 blocks Lorraine and Woodstock Aves., 40 ft., to Morgan-Hill Paving Co., Woodward Bldg., Birmingham, $31,776, engrs. est. $32,000. Asphalt on concrete surfacing 2 blocks West 10th St., 40 ft., to Rhodes Constr. Co., Nashville, $17,090, engrs. est. $17,200. Noted Jan. 8.

La., Shreveport — Caddo Parish Police Jury, constructing 16 mi. hard surfaced road of 4 principal highways radiating from here, to Independent Gravel Co., Shreveport, $158,420.

Miss., Philadelphia—Neshoba Co., grading, bridging, graveling, etc., 10.5 mi. Philadelphia-Carthage Rd., 18 ft., to Buchanan, Champenois & Banks, Meridian, $35,556; and 6.2 mi. Philadelphia-DeKalb Rd., 18 ft., to L. Minor, Brooksville, $21,653. Noted Jan. 29.

Ind., Terra Haute—Vigo Co., hardsurfacing 3.1 mi. Jackson Rd., to J. P. Welch, 815 South 5th St., $61,310. Engrs. est. $76,011. Noted Feb. 26.

Ind., Wabash — Wabash Co., concrete paving 11,616 ft. Dar Rd., and 12,672 ft. La Salle Rd., to Pike Constr. Co., Wabash, $26,490 and $27,460 respectively. Noted Feb. 26.

O., Cincinnati—Hamilton Co., to F. Moore, Newport, Ky., paving Wesselman Rd., 19,420 sq.yd. concrete 25,300 cu.yd. grading and excav. $0.40 per cu.yd., etc. total $98,922. Engrs. est. $104,674. Noted Feb. 19.

O., Cleveland—City, Feb. 11, paving with (a) brick (b) sheet asphalt, (c) asphaltic concrete on (1) Barrington Ave. (2) West 149th St. (3) East 135th St. (4) Signet Ave., (1 to 4 inclusive) involves 23,350 sq.yd. vitr. brick or sheet asphalt, 9,540 lin.ft. stone curbing, 11,100 lin.ft. 4 in. drain tile gutter, 9,230 cu.yd. earth excav. (5) Munn Rd. (6) West 155th St. (7) Rockport Ave. (8) East 143rd St. (9) Ivanhoe Rd. (5 to 9 inclusive) involves 35,990 sq.yd. vitr. brick or sheet asphalt 15,480 lin.ft. stone curbing, 16,900 lin.ft. 4 in. drain tile gutter, 20,990 cu.yd. earth excav. (10) East 157th St. (11) Mt. View Ave. (12) East 127th St. (13) East 103rd St. (14) East 147th St. (15) Stevenson Rd. (10 to 15 inclusive) involves 12,825 sq.yd. vitr. brick or asphaltic concrete, 9,220 lin.ft. stone curbing, 9,270 lin.ft. 4 in. drain tile gutter, 6,743 cu.yd. earth excav., from Gould & Maybach, 16,113 Saranec Rd. (a1) $12,306 (b1) $9,678 (a9) $23,858 (b9) $18,384 (a10) $14,598 (c10) $11,558 (a15) $24,496 (c15) $19,413; from Cleveland Trinidad Paving Co., The Arcade (a2) $47,889 (b2) $39,958 (a6) $13,639 (b6) $10,759 (a7) $20,270 (b7) $16,069 (a8) $38,130 (b8) $31,268; from Enterprise Paving & Constr. Co., 8444 Bway. (3) $7,599 (a12) $13,215 (c12) $10,393 (13) $5,282; from Bentley Bros., 3030 Euclid Ave. (a4) $22,708 (b4) $18,093 (c11) $8,555; from Freshwater Constr. Co., Davis & Farley Bldg. (a5) $62,204 (b5) $62,710 (14) $4,073. Noted Feb. 12.

Michigan — State Hy. Dept. at office Comrs. Ingham Co., Mason, grading and gravel surfacing 2.531 mi. East Eden-Leslie Rd. 1, to C. A. Diehl, Dansville, $15,290; 1.007 mi. Bell Oak Rd. 1, to Briggs & Worden, Dansville, $5,808; 2.524 mi. Saslett-Bell Oak Rd. 2, to Walker & Van Dosien, Ney, O., $20,882; 4.692 mi. Okemos-Mt. Hope Rd. 1, to O. Klett, Hartford, $40,742.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete surfacing 7.37 mi. Route 23, Sect. 24, to Harrison Eng. Corp., Mutual Bldg., Kansas City, Mo., $163,100; 8.63 mi. Route 36, Sect. 18, Pike Co., to E. J. Elff Co., Quincy, $201,763; 18.38 mi. Route 1, Sects. 2, 3, 28 and 29, White, Saline and Gallatin Counties, to Ransom & Sherwood, Palestine, $344,000; 11.79 mi. Route 17, Sects. 28 and 29, LaSalle and Livingston Counties, to W. D. Lonergan Constr. Co., Streator, $217,000. Noted Dec. 11 and 25.

Wis., La Crosse—Bd. Pub. Wks., brick paving 31,506 sq.yd. various streets, also concrete curbing and guttering 6,350 ft. Badger St., from T. E. Wooley, 148 West Ave., $132,541 and $5,524 respectively. Noted Feb. 19.

Wis., Menasha—J. F. DeCaro, city clk., curbing, guttering, and vibrolithic concrete paving approximately 10,556 sq.yd. Tayco and Elm Sts., to J. Schneider Contg. Co., Menasha, $38,000. Noted Feb. 12.

Ia., Maquoketa—Grading and 7 in. concrete surfacing, etc. 22,790 sq.yd. various streets, to Western States Paving Co., Davenport, at $2.19 per sq.yd. Noted Feb. 5.

Ia., Marion—Linn Co., grading, concrete surfacing, etc. 17.75 mi. Federal Aid Project 96, Sects. A and B, 18 ft., to W. Horrabin, 15 East College St., Iowa City, at $2.54 and $2.48 per sq.yd. respectively. Noted Feb. 5.

Minn., Austin—Austin Co., gravel surfacing 45.5 mi. Jobs 2501 to 2506 (inclusive) and Jobs 2508 and 2509, to C. Byer, Jackson, $53,779. Noted Jan. 29.

Mont., Butte — Paving Harrison Ave., between Harvard and Holmes Sts., to J. Hexem, 1941 Harrison St., $61,759.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, surfacing 14th St. viaduct, 4,870 sq.yd. Willite, to Central Paving & Constr. Co., 6161 Maple Ave., $7,306, wood block, granite and miscellaneous brick paving and granitoid sidewalks, to F. A. Stiers, 4500 Enright Ave., $40,475. Noted Feb. 26.

Arkansas—State Hy. Dept., Little Rock, Feb. 20, improving Little Rock-Spring Lake Highway, 18,800 cu.yd. grading, 1,500 cu.yd. loose rock and 85 cu.yd. solid rock excav., 53,000 sq.yd. 5 in. concrete paving, from M. D. L. Cook, Southern Trust Bldg., Little Rock, $98,839. Noted Feb. 12.

Tex., Baird—Callahan Co., grading and bridging 8.39 mi. State Highway 1, 26 ft., to Jordan Constr. Co., Plainview, 3.69 mi. concrete $22 per mi., 48,626 cu.yd. earth excav. $0.20, 9,984 cu.yd. borrow excav. $0.20, 30,253 lbs. reinforcing $0.06, etc., total $27,147. Engrs. est. $36,400. Noted Feb. 19.

Tex., Corsicana — Permanent brick on concrete paving various streets to Panhandle Constr. Co., Abilene, $49,514. Noted Feb. 26.

Tex., Floresville — Wilson Co. to W. T. Montgomery, 705 Alamo Natl. Bank Bldg., San Antonio, grading, surfacing and bridging 12.12 mi. State Highway 81, Federal Aid Project 440-A $225,000, 9.43 mi. Federal Aid Project 440-B $160,000 and 9.03 mi. Federal Aid Project 440-C $150,000, all 18 ft. Noted Feb. 26.

Tex., Galveston — Galveston Co., with limestone, rock asphalt or asphaltic concrete resurfacing 75,000 sq.yd. streets in business section, to S. Shambaugh, 1400 Dowling St., Houston, $48,000.

Tex., Paducah—See "Waterworks."

Tex., Sonora — A. Johnson, judge Sutton Co., Feb. 17, (e. e. means engrs. ests.) grading crushed stone surfacing and bridging 10.84 mi. State Highway 27, Federal Aid Project 425-B, 18 ft., from Armstrong & Armstrong, Roswell, N. M., $76,417, e. e. $85,000; 12.25 mi. State Highway 27, Federal Aid Project 425-C, and 7.86 mi. State Highway 27, Federal Aid Project 425-A, both 18 ft., from W. T. Montgomery, Alamo Bank Bldg., San Antonio, $112,601 and $75,391 respectively e. e. $125,000 and $83,000 respectively. Noted Feb. 12.

Okla., Cherokee—Grading, concrete curbing and concrete surfacing 12,650 sq.yd. South Grand Ave., to Garfield County Constr. Co., Enid, $35,193. Engrs. est. $40,000. Noted Nov. 20.

Okla., El Reno — Grading and concrete surfacing 7,100 sq.yd. South Rock Island Ave., to Connelly Constr. Co., El Reno. Engrs. est. $35,000.

Okla., Tulsa—Grading, curbing and concrete surfacing 23,730 sq.yd. Dist. 614, to Tibbets & Pleasant, 209 North Nogales St., $102,824. Engrs. est. $108,838.

Nevada—State Hy. Comn., Carson City, Feb. 18, improving road between Vista and Hafed, Federal Aid Project 65-A, Washoe Co., 100,000 cu.yd. excav., 580 cu.yd. hand placed rock fill, 256,311 sta.yd. overhaul, etc., to J. P. Holland, 10 Shoreview Pl., San Francisco, Calif., $96,827. Noted Feb. 12.

Arizona—W. C. Lefebvre, state engr., c/o Apache Co. Highway Comn., St. Johns, grading, bridging and graveling 19,936 cu. yd. St. Johns-Springerville Highway, Federal Aid Project 68-B, to Udall & Udall, St. Johns, $71,742. Noted Jan. 22.

Calif., Coronado — For approximately 195,000 sq.ft. 4 in. concrete paving various alleys, to Pioneer Truck Co., 954 3rd St., San Diego, approximately $36,750. Noted Oct. 30.

Calif., San Francisco — Bd. Pub. Wks., Feb. 18, from C. B. Christensen, Chancery Bldg., Los Angeles, improving Delong St. between Orizaba and Liebig Sts., 11,690 sq. ft. concrete paving at $0.306 per sq.ft., 62,000 sq.ft. asphaltic concrete paving $0.253, total $34,092; from A. E. Hennessy, 724 Sharon Bldg., improving Judah St. between 31st and 41st Aves., 33,574 cu.yd. cut at $0.10 per cu.yd., 34,984 cu.yd. fill $0.30, 148,141 sq.ft. asphaltic concrete paving $0.25, total $64,799. Noted Feb. 12.

Buildings—Industrial

PROPOSED WORK

Me., Camden—Plant—F. E. Page, 68 Essex St., Boston, Mass., having plans prepared by J. C. and J. H. Stevens, 184 Middle St., Portland, 2 story and basement, 90 x 107 ft. spinning and weaving plant, brick and timber. $100,000.

Mass., Cambridge (Boston P. O.) — Bakery—Natl. Biscuit Co. plans 6 or 7 story bakery. $3,000,000. Engineer and architect not selected.

Mass., Springfield—Power—United Electric Co., 73 State St., plans electric light station, Wilbraham Ave. To exceed $40,000. Engineer and architect not selected.

Mass., Worcester — Repair and Service Garage—J. P. Coughlin, c/o Coughlin Electric Co., plans 4 story, rein.-con., Commercial and Exchange Sts. $490,000. Private plans.

N. Y., Buffalo—Factory—Plastergon Wall Board Co., 196 Philadelphia Ave., had plans prepared two 1-story, 150 x 200 ft., rein.-con., brick and steel factory, Philadelphia Ave. $250,000. Architect's name withheld.

Buildings—Industrial (Continued)

N. J., Jersey City—Plant—Natural Products Chemical Co., subsidiary of Natural Products Refining Co., 902-910 Garfield Ave., plans chemical plant. H. A. Goman, pres.

Pa., Johnstown — Factory — Mitchell Spring & Mfg. Co., Inc., Horner St., plans 2 story, 30 x 160 ft., steel and concrete, Horner St. $100,000.

Pa., Lewisburg—Factory—Ruhl & Watson, Mifflinburg, and W. Rhoades, Lewisburg, plan 2 story and part basement, 50 x 120 ft., steel and concrete, factory, also 800 ft. railroad siding. $100,000.

Md., Baltimore — Factory — Maryland Glass Corp., Mt. Winans, had plans prepared 2 story, 30 x 83 ft., brick and steel, plain foundation, Linden Ave. and Ontario St. $50,000. Private plans.

Md., Conowingo—Power Plant—Susquehanna Power Co. (owned by Phila. Electric Co., 20th and Chestnut Sts., Phila., Pa.) threaten to abandon plans for construction of proposed hydro-electric project on Susquehanna River, here, unless State Officials withdraw proposals that have been made for the protection of the interests of Maryland. Noted Jan. 29.

N. C., New Bern—Freight Warehouse—Atlantic Coast Line Ry., 71 Bway., New York City, plans freight warehouse, 130 ft. long, Queen St., with additional spur track facilities to serve same, here. J. E. Willoughby, Wilmington, ch. engr.

N. C., Thomasville—Mill—T. E. Jennings, plans large hosiery mill.

O., Cleveland—Factory etc.—Elyria Iron & Steel Co., H. B. Wide, pres., 232 East 131st St., having plans prepared by E. McGeorge, archt. and engr.; 3030 Euclid Ave., 160 x 160 ft. factory addition, 3 story, 40 x 100 ft. office, 70 x 100 ft. garage, 40 x 50 ft. storage building, and 40 x 46 ft., boiler house, all brick, steel and concrete, East 131st St., $200,000.

O., Cleveland—Factory and Garage—V. Perry, c/o J. F. Bontempo, archt., 308 Euclid Ave. Bldg., having plans prepared 1 and 2 story, 50 x 182 ft., brick and steel, Woodland St. $150,000.

O., Columbus — Factory, etc. — Ralston Steel Car Co., East Columbus St., had plans prepared Braun & Watson, 60 x 180 ft., brick and tile wheel and axle building, 63 x 105 ft., corrugated iron extension to main building, and 56 x 70 ft. storage building, saw-tooth construction, $65,000. Braun & Watson, 1183 South High St., engrs.

O., East Youngstown—Mill—Youngstown Sheet & Tube Co., Youngstown, soon takes bids new tube mill incl. 2 finishing and 1 piecing mill, here. $2,000,000. J. A. Campbell, pres.

Mich., Detroit—Shop—Dodge Bros., Inc., Jos. Campau Ave., had plans prepared by Smith, Hinchman & Gryls, 800 Marquette Bldg., 1 story, 75 x 500 ft., brick and steel, plain foundation, Jos. Campau Ave.

Ill., Cairo—Mill—Cairo Oil Mill Co., G. M. Greenwood, pres., having preliminary plans prepared 1 story and basement, rein.-con. and steel, Sycamore St. and Illinois Central R.R. tracks. $150,000. E. M. Murray, 86 North 3rd St., Memphis, engr.

Wis., Cobb—Factory—Cobb Canning Co. plans 2 story and basement, rein.-con., brick and steel factory, plain foundation. $50,000. Engineer and architect not selected.

Wis., Manitowoc—Plant—See "Unclassified under Two Rivers."

Wis., Milwaukee — Cold Storage and Warehouse—Amer. Wholesale Grocery Co., 235 Bway., having plans prepared by W. J. Kozick, 664 26th St., 4 story and basement, brick and concrete, plain foundation, Chicago, St. $60,000.

Wis., West Allis—Shop—Allis Chalmers Mfg. Co., Greenfield Ave., plans brick and steel transformer shop. To exceed $40,000. Engineer and architect not selected.

Minn., Minneapolis—Laundry—City Dye House, 2637 Nicollet Ave., having plans prepared by R. E. Crosier, 915 New York Life Bldg., 2 stcry and basement, 128 x 132 ft., rein.-con. and brick, Lyndale and Hawthorne Aves. $65,000.

Minn., St. Paul—Warehouse and Garage—St. Paul Gas Light Co., F. C Hoffman, secy., 6th and Cedar Sts., having plans prepared by Toltz, King & Day, Builders Exchange Bldg., 3 story and basement, rein.-con., brick, tile and stone, Rice and Atwater Sts. $100,000.

Mo., Bagnell — Plant — Missouri Hydro-Electric Power Co., Kansas City, having plans prepared hydro-electric plant, incl. 2,450 ft. dam, 140 ft. high with 1,500 ft. spillway across Osage River, 7 mi. from here. $10,600,000. W. Cravens, of Kansas City Joint State Bank, 104 New York Life Bldg., Kansas City, pres. Burns & McDonnell, Interstate Bldg., Kansas City, engrs.

Tex., Brownsville — Cotton Gin — T. Henderson, Harlingen, making plans 5 stand, cotton gin, 80 saw capacity, brick and concrete, here. $60,000. Private plans.

Tex., Dennison—Factory—Barrow-Johnson Co., Lynchburg, Va., plans overall factory, here. $80,000. Engineer and architect not announced.

Tex., Ft. Worth—Freight House—Gulf, Colorado & Santa Fe Ry., 112 East 9th St., having plans prepared by W. J. Smith, 408 Santa Fe Bldg., Galveston, 2 story and basement, 40 x 100 ft., 1 story and basement, 40 x 200 ft. freight house, etc. $125,000.

Tex., Greenville—Mill—Greenville Cotton Oil Mill plans 80 x 200 ft., steel and corrugated iron or rein.-con. mill. $100,000. C. Duncan, supt. Engineer and architect to be selected soon.

Tex., Mexia—Plant—Phillips Ice & Coal Co. soon takes bids 1 story, brick and concrete plant, 35 ton capacity. $50,000. Private plans.

Tex., San Antonio—Plants, etc.—Ward Heater Co., 1243 South Hope St., Los Angeles, Calif., making plans 1 and 2 story plating and assembling plants, storage warehouse and administration offices, brick and rein.-con., here. $250,000. Private plans.

Tex., Uvalde—Cotton Gin—H. L. Guinn, Laredo, soon takes bids 2 story, 8 stand, 80 saw capacity, brick and concrete cotton gin, here. $45,000. Private plans.

Okla., Waurika — Compress — Waurika Cotton Compress Co. having preliminary plans prepared rebuilding 1 story, 220 x 368 ft., timber, plain foundation, C. St., destroyed by fire. $300,000. E. Leverett, Waurika, engr.

California — Sub-Station, etc. — Coast Valley Gas & Electric Co., 11 East Gabilan St., Salinas, plans rein.-con. sub-station, approximately $200,000, replacing and extending gas mains, $60,175, electric lines, transformers and meters, $244,195, all above work in Salinas; new sub-station at Gonzales, $18,000; new station equipment at Soledad, $7,840; new sub-station transformers at Monterey, $15,000.

Calif., Emeryville — Sub-station — Pacific Gas & Electric Co., 445 Sutter St., San Francisco, plans rein.-con. sub-station. $125,000.

Calif., Fresno — Factory — S. Tripolitz, Fulton and Fresno Sts., plans 1 or 2 story, 80 x 100 ft. candy factory, brick, Railroad Ave.

Calif., Los Angeles—Factory—D and B Pump & Supply Co., 301 West Avenue 26, had plans prepared by Pacific Iron & Steel Co., 2657 Humboldt St., 1 story, 50 x 150 ft., steel, Avenue 26.

Calif., Los Angeles—Factory—Thompson Glass Co., c/o W. J. Saunders, archts., Laughlin Bldg., had plans prepared 1 story, 175 x 175 ft., brick, Stanford St. and Merrill Ave.

Calif., Salinas—Plant, etc.—Coast Valleys Gas & Electric Co., 11 East Gabilan St., plans gas generating plant annex and gas holder with 200,000 cu.ft. capacity. $80,000.

Calif., San Francisco — Plant — Sterling Chemical Co., Inc., Vernon, c/o G. M. Kohler, pres., plans chemical plant, here. $500,000.

Calif., San Jose — Factory — California Paste Co., 259 South Market St., having plans prepared by H. Bolwin, 411 Garland St., 1 story, brick or concrete, Alameda and Auzerais Sts. $45,000.

Calif., Santa Barbara — Power Plant — See "Excavation, Drainage, Irrigation, Levees."

Calif., Upland — Plant — Uplands Citrus Assn., plans rein.-con. packing plant, 3rd Ave. and A St. $160,000.

Ont., Windsor—Factory—Bayer Aspirin Co. plans new factory. $200,000.

BIDS DESIRED

Pa., McKees Rocks — Round House — Pittsburgh & Lake Erie R.R., Pittsburgh & Lake Erie Terminal, Pittsburgh, taking bids remodeling Round House 1, 1-story, brick and steel, here. A. R. Raymer, c/o owner, ch. engr.

Wis., Milwaukee—Factory—Mar. 12, by G. Zagel & Bros., archts., 144 Oneida St., 2 story and basement, 62 x 115 ft., brick, plain foundation, 30th St., for Builders Needs, Inc., 1243 30th St. $45,000.

Minn., Hibbing — Plant — Mar. 16, by City, J. L. Golob, recdr., 1 story, 36 x 90 ft., brick addition to steam heating and power plant, etc. $300,000. R. D. Thomas, 1200 2nd Ave. S., Minneapolis, engr.

BIDS RECEIVED

N. Y., Corona (Sta. Flushing)—Shop—Bd. Transportation, 49 Lafayette St., New York City, Feb. 27, structural steel for inspection shop, here, from Levering & Garrigues, 552 West 23rd St., New York City, $69,000. Noted Feb. 19.

CONTRACTS AWARDED

Mass., Cambridge — Factory — General Radio Co., 11 Windsor St., 4 story and basement, 50 x 100 ft., rein.-con., Windsor and Cambridge Sts., to W. M. Bailey Co., 88 Broad St., Boston. Archts. est. to exceed $40,000. Noted Feb. 12.

Mass., Cambridge (Boston P. O.)—Plant—Ginn & Co., 15 Ashburton Pl., Boston, 1 story, 40 x 100 ft., rein.-con., brick and steel addition, plain foundation, to Scully Co., 1st St., East Cambridge. Archts. est. $40,000. Noted Feb. 5.

Mass., Dorchester (Boston P. O.) — Repair and Service Garage—S. Cole, 240 Blue Hill Ave., 1 story, rein.-con., and brick, Loyloa St., to H. Nawn Contg. Co., 82 Savin St., Roxbury. Archts. $45,000.

Mass., Lowell—Power House—Wamsit Power Co., Glidden Bldg., brick power house, to Stone and Webster Inc., 147 Milk St., Boston. Archts. est. $1,000,000.

Mass., Lynn—Repair and Service Garage—R. T. Pender, 41 Sutton St., will build 1 story, 50 x 160 ft., brick and tile, Washington St., by day labor. $40,000. Sanborn & Weed, 38 Exchange St., archt. Noted Jan. 8.

Mass., Roxbury (Boston P. O.)—Foundry — Mechanics Iron Fdry. Co., H. E. Gibby, treas., 38 Kemble St., 1 story, 105 x 150 ft., rein.-con., brick and steel, Kemble St., to W. Preble Co., 11 Pemberton Sq., Boston. Archts. est. $75,000. Noted Feb. 5.

Conn., Bridgeport—Factory, etc.—Amer. Tube & Stamping Co., 766 Stratford Ave., will build 30 x 43 ft. power house, 30 x 36 ft. factory, 1 story, 9 x 40 ft., 11 x 94 ft., and 13 x 60 ft. switch and motor buildings, brick and steel, Stratford Ave., by day labor. $50,000. Private plans.

N. Y., Coney Island (Sta. Brooklyn)—Bd. Transportation, 49 Lafayette St., New York City, foundations for main repair shop, here, to A. A. Johnson Corp., Queens Blvd., Long Island City, $579,000; enclosure of electrical repair shop, to J. H. Duncan Inc., 5718 2nd Ave., Brooklyn, $192,400. Noted Feb. 19.

N. Y., Fulton — Factory — Oswego Falls Corp. of Fulton, 1 and 2 story, brick, steel and timber factory addition, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Archts. est. $150,000.

N. Y., Long Island City—Factory—Ronzoni Macaroni Co., 612 Jackson Ave., 5 story, 85 x 180 ft., rein.-con., brick and steel, plain foundation, Jackson and Hulst Aves., to White Constr. Co., Inc., 95 Madison Ave., New York City. Archts. est. $350,000.

N. J., Millville—Plant—Millville Mfg. Co., 2 story, 60 x 185 ft., rein.-con. and steel addition, to M. C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

Pa., Coraopolis—Plant—Standard Steel Spring Co., 843 4th Ave., general contract 1 story and basement, 60 x 90 ft., brick, rein.-con. and steel addition, to Pittsburgh Bridge & Iron Wks., Bessemer Bldg., Pittsburgh. Archts. est. $40,000.

Md., Baltimore — Factory — Parker, Thomas & Rice, archts., Union Trust Bldg., 1 story, 102 x 136 ft. brick factory, plain foundation, Hamburg and Bayard Sts., to C. L. Stockhausen Co., Gay and Water Sts., for Standard Gas Equipment Corp. $60,000. Noted Feb. 19.

N. C., Chimney Rock — Power Plant — See "Dams."

O., Baltimore—Factory, etc.—Fairfield Paper Co., 1 story, 50 x 200 ft. factory, and 1 story, 50 x 50 ft. power house, brick, steel and concrete, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland. Archts. est. $100,000.

O., Cleveland — Sub-Station — Cleveland Electric Illuminating Co., c/o E. J. Cook, Illuminating Bldg., 4 story and basement, brick, steel and concrete, 737 Bolivar Rd., to Lundoff-Bicknell Co., B. F. Keith Bldg. Archts. est. $300,000. Noted Jan. 15.

Ind., Columbus — Shop — Dunlap & Co., will build 2 story and basement, 60 x 150 ft. machine shop, rein.-con. and brick, by day labor. $45,000. Private plans. Noted Dec. 18.

Ind., Rushville—Factory—L. Andres, will build 1 story, 60 x 100 ft., rein.-con. and brick factory, by day labor. $45,000. Private plans. Noted Dec. 18.

Ill., Rockford—Factory—Rockford Show Case Co., 2 story, 90 x 90 ft., brick and concrete addition, to J. Gustafson, Rockford. Archts. est. $40,000.

Wis., Wausau—Factory—Curtis & Yale Co., Clinton St. and South 1st Ave., will build 2 story, 75 x 150 ft., brick and timber addition, plain foundation, by day labor. Private plans.

Ia., Davenport—Plant—Linwood Stone & Cement Co., Kahl Bldg., cement manufacturing plant, concrete and steel, to H. W. Horst Co., Horst Bldg., Rock Island, Ill.

Ia., Sioux City — Power Station — Sioux City Gas & Electric Co., 524 Nebraska St., 90 x 184 ft. boiler room, 160 ft. high, 90 x 184 ft. turbine room, 40 ft. high, preparation room, 160 ft. high, and 26 x 100 ft. service station, 40 ft. high, incl. two 10,000

Buildings—Industrial (Continued)

kw. general electric turbines, three 1,100 hp. Stirling boilers, etc., to U. G. I. Contg. Co., Broad and Arch Sts., Phila., Pa. Archts. est. $2,000,000.

Minn., Minneapolis—Factory—North Star Woolen Mills Co., 218 South 2nd St., general contract 6 story and basement, 84 x 127 ft., rein.-con., brick and steel, 6th Aves. and 1st St., to C. F. Haglin & Sons Co., 226 Lumber Exch., $175,000. Noted Feb. 19.

Mo., Kansas City — Plant — Columbian Steel Tank Co., 1601 West 12th St., will build (1st unit) 3 story and basement, 130 x 253 rein.-con. and brick, 1601 West 12th St., by day labor. $500,000. Total cost $2,000,000. G. I. Sanderlin, archt., and A. M. Griffin, engr., both c/o owner.

Mo., Kansas City—Plant—Radial Warehouse Co., 4 story, 6,000 bbl. flour blending plant and complete conveyor system with pilers on each floor, etc., Amour Rd. and Charlotte St., to Wolf Co., Chambersburg, Pa., approximately $100,000.

Tex., Wellington — Power Plant — See "Material and Equipment."

Calif., Beverly Hills — Plant — Beverly Hills Ice Co., 1 story, 82 x 175 ft., rein.-con. plant, to J. M. Cooper, Marsh-Strong Bldg., Los Angeles, cost plus percentage basis.

Calif., Richmond — Creamery — Eagle Creamery, 5th St. and Macdonald Ave., 1 story, 50 x 112 ft., brick, 5th St. and Macdonald Ave., to O. R. Ludwig, 903 Barrett Ave., $55,000.

Calif., San Francisco — Factory — H. H. Gutterson, archt., 526 Powell St., 1 story and basement, rein.-con., Mission and 11th Sts., to G. Wagner, Inc., 181 South Park St., for White Truck Co., Van Ness Ave., approximately $300,000. Noted Jan. 29.

Calif., San Francisco — Mill — City Sash & Door Co., c/o R. Crothers, Monadnock Bldg., 2 story, brick or concrete, Mission St. near 14th St., to O. Johnson, 2435 Spaulding Ave., Berkeley, to exceed $40,000. Noted Feb. 19.

B. C., Marpole—Distillery—United Distillers Ltd., Marpole, timber buildings for distillery, Fraser River, here, to Smith Bros. & Wilson, 850 Hastings St. W., Vancouver, $84,000.

Buildings—Commercial

PROPOSED WORK

Me., Bangor — Business — S. Cohen, 118 Main St., having plans prepared by F. A. Patterson, 16 Central St., and takes bids about Mar. 6, 5 story, 30 x 80 ft., brick and steel, plain foundation, Broad St. $150,000.

N. H., Rochester — High School — School Comn., having preliminary plans prepared by J. E. Richardson, 56 Grove St., Dover, for high school addition. $150,000.

Mass., Allston (Boston P. O.)—School—Schoolhouse Dept., City Hall, Boston, plans additional units to Thomas Gardner Dist. School, Commonwealth and Brookline Aves., here. $150,000. Engineer and archtect not selected.

Mass., Avon — Home — Swedish Luthern Children's Home, plans home. $150,000. Engineer and architect not selected.

Mass., Billerica — School — School Comn. having sketches made by Brainard & Leeds, 89 Franklin St., Boston, Talbot School, 2 story, brick and stone. $150,000.

Mass., Boston — Apartment — Sixty-Five Commonwealth Ave. Trust, c/o McLaughlin & Burr, archts., 88 Tremont St., having revised plans prepared 7 story and basement, 80 x 105 ft., rein.-con., brick and limestone, plain foundation, 65 Commonwealth Ave. $300,000. Former bids rejected. Noted Jan. 29.

Mass., Boston — Hotel — Statler Hotel Corp., 7th Ave. and 33rd St., New York City, rejected bids Dec. 15, 14 story and basement, brick, stone and terra cotta hotel, Park Sq. Sect., Providence St., Columbus and St. James Aves. $4,000,000. Project postponed. Noted Dec. 11.

Mass., Boston—Garage—J. M. Howe, 10 State St., takes bids about Mar. 15, 6 story, 27,000 ft. floor space, rein.-con. and steel, plain foundation, Cambridge and Freen Sts. $1,500,000. R. H. Doane, 162 Newbury St., archt. Noted Feb. 5.

Mass., Boston—Store and Office—Owner, c/o Strickland Blodgett & Law, archts., 26 Pemberton Sq., having plans prepared altering and constructing 5 story and basement, brick and stone addition, 20-24 Newberry St. $150,000.

Mass., Bridgewater — Church — Central Square Church Society, A. C. Boyden, clk., raising $150,000 funds for church. Engineer and architect not selected.

Mass., Brighton (Boston P. O.) — High School—Schoolhouse Dept., City Hall, Boston, plans new high school, here. $1,000,000. Engineer and architect not selected.

Mass., Brookline (Boston P. O.) — Library—City Bd. Selectmen, plan branch library, Coolidge Corner, $150,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—Home—City, Dept. Pub. Wks., City Hall, plans city home near Fresh Pond. $200,000. Engineer and architect not selected.

Mass., Dalton — School — City, E. H. Pierce, chn. Building Com., having plans prepared by Thompson, Holmes & Converse, 101 Park Ave., New York City, 2 story and basement, 346,000 cu.ft. floor space, 1st St. and Glennon Ave. $150,000. Noted Jan. 8.

Mass., Dorchester (Boston P. O.) — School—Schoolhouse Dept., Boston, having sketches made by J. M. Gray, 175 High St., Boston, 2 story and basement, brick addition to Minot Dist. School, here. $200,000. Schoolhouse Eng. Dept., Boston, engrs.

Mass., Edgartown—Church—St. Elizabeths Catholic Church, 602 Tucker St., Fall River, having plans prepared by J. I. Higgins, 11 Pleasant St., Fall River, 1 story and basement, rein.-con., brick and stone, Main and School Sts., here. $150,000 or more.

Mass., Hyde Park (Boston P. O.)—High School—Schoolhouse Dept., Boston, plans Senior High School, here. $1,500,000. Engineer and architect not selected.

Mass., Lowell—Bank—Lowell Trust Co., 273 Central St., having preliminary sketches made by H. P. Graves, 40 Middlesex St., for bank, Central St. $150,000.

Mass., Pittsfield — Church — Christian Science Benevolent Society, takes bids about Mar. 15, 1 story and basement 70 x 100 ft., brick and stone, Wendall St. To exceed $150,000. J. M. Vance, 24 North St., archt. Noted Jan. 5.

Mass., Quincy (Boston P. O.)—Parish—Christ Church, having plans prepared by G. W. Chickering, 162 Newbury St., Boston, 2 story and basement, 40 x 140 ft., brick, granite and terra cotta, Quincy Ave. and Elm St. $150,000.

Mass., Revere—Club—Revere Post 940, J. Hanken, chn. Building Com., Wave Ave., raising $150,000 or more funds for Veterans of Foreign Wars Club Building. Engineer and architect not selected.

Mass., Roxbury (Boston P. O.)—School—Schoolhouse Dept., City Hall, Boston, takes bids about Mar. 10, 3 story and basement, 50 x 120 ft., brick and stone addition to Sherwin Dist. School, here. $200,000. McLaughlin & Burr, 88 Tremont St., Boston, archts. Noted Sept. 25.

Mass., Somerville — Store and Office — Hillson Associates, c/o J. A. Quirk, archt., 10 Tremont St., Boston, having sketches made 2 story and basement, brick and stone, Bway. and Boston Ave., here. $150,000.

Mass., Springfield — Hotel — Bridgeway Hotel Corp., H. M. Stanford, Bridge St., having plans prepared by Huestis & Huestis, 45 Chestnut St., 10 story and basement, 70 x 140 ft., steel addition, Bridge St. $1,000,000.

Mass., Springfield—Hotel—Cooley Hotel Co., c/o C. T. and A. J. Shean, proprietors, Cooley Hotel, plans steel addition, Main and Liberty Sts. $1,000,000. A. H. LaValle, 293 Bridge St., archt.

Mass., Springfield — Terminal — Hartford & Springfield Street Ry. Co., plans 3 story brick and steel trolley terminal, 22-28 Worthington St. $150,000.

Mass., Springfield—Springfield Y. M. C. A. having plans prepared 7 story and basement, 50 x 120 ft., steel addition, Chestnut St. $500,000. International Bureau Y. M. C. A., 347 Madison Ave., New York City, archts. Noted Jan. 29.

R. I., Providence—Memorial—Providence Post, Amer. Legion, City Com. on Memorial Buildings, City Hall, plans limestone memorial building with auditorium 1,200 seating capacity, etc. $500,000. Dodd & Pierpont, 6 Thomas St., archts.

R. I., Westerly — Library — City having sketches made by Ludlow & Peabody, 101 Park Ave., New York City, for library.

Conn., Hartford — Business — Hudson Cloak & Suit Co., 845 Main St., having plans prepared by Berenson & Moses, 30 Allyn St., 8 story, 50 x 50 ft., brick, steel and terra cotta, plain foundation, State and Main St. $200,000. Noted Dec. 25.

Conn., Hartford — School — City, W. G. Camp, chn., 817 Windsor Ave., plans school, Sanford St., for North East Dist. $150,000. Engineer and architect not selected.

N. Y., Brooklyn—Bank—Brooklyn Trust Co., 177 Montague St., soon takes bids 3 story, brick, steel and stone, plain foundation, Ocean Ave. $300,000. York & Sawyer, 100 East 42nd St., New York City, archts. and engrs.

N. Y., Coney Island (Brooklyn P. O.)—Hotel—J. Palmieri, 63 Park Row, plans brick and steel, plain foundation, Boardwalk and West 31st St. $3,000,000. Engineer and architect not selected.

N. Y., Corona—(Sta. Flushing)—Small-Strausberg Queens Theatres, Inc., c/o W. Small, pres., 29 Maples St., Brooklyn, plans brick, steel and stone, plain foundation, here. $600,000. Engineer and architect not selected.

N. Y., New York — Hospital — Lutheran Hospital, 341 Convent Ave., plans brick, steel and stone, plain foundation, Convent Ave. $2,000,000. Engineer and architect not selected.

N. Y., New York—Office—N. Natanson, c/o H. Craig Severance, archt., 36 West 44th St., having plans prepared brick, steel and stone, plain foundation, Madison Ave. and 49th St. $500,000.

N. Y., New York—Theatre—Westwood Realty Co., c/o M. Zipkes, archt. and engr., 25 West 43rd St., having plans prepared 100 x 100 ft., brick, steel and stone, plain foundation, Londell Ave. $300,000.

N. Y., St. George—Office—Title Guarantee & Trust Co., 176 Bway., New York City, had plans prepared by James Whitford, archt. and engr.; Tompkinsville, 6 story brick, steel and stone, plain foundation Bay St.

N. J., Asbury Park — Hotel — Berkley-Cartaret Hotel, c/o Warren & Wetmore, archts., 16 East 47th St., New York City, having plans prepared brick, steel and stone hotel, plain foundation. $1,250,000.

N. J., Camden—Warehouse—L. W. Bell, 1006 South 6th St., plans 5 story and basement, 100 x 100 ft., rein.-con. and brick, plain foundation, Haddon Ave. and Euclid St. Architect and engineers' names withheld.

N. J., Jersey City — Community — Y.M.H.A., c/o A. Gold, 642 Newark Ave., having plans prepared brick and steel, plain foundation Bergen Ave. $600,000. N. Welitoff, 249 Washington Sq., archt. and engr.

N. J., Jersey City—School—Bd. Educ., Harrison St., having plans prepared by J. T. Rowland, 100 Sip Ave., brick and steel addition to P. S. 11, Bergen Sq. $750,000.

Pa., Allentown — School — School Dist. having plans prepared by Rhue & Lange, 10 North 6th St., for 25 to 30 rooms school, Lumber and Turner Sts. $450,000. T. P. Wenner, secy.

Pa., Erie—High Echool—Rd. Educ. having plans prepared by W. W. Meyers, Library Bldg., Woodrow Wilson Junior High School, 2 and 3 story and basement, 200 x 280 ft., brick on hollow tile and steel, 28th and Reed Sts. $850,000.

Pa., Erie—Y. W. C. A., 1045 West 9th St., having plans prepared by W. W. Meyers, Library Bldg., 2 story and basement, 71 x 160 ft., brick on hollow tile and steel, 7th St. $200,000.

Pa., Phila.—Store and garage—M. and C. Ross, North Amer. Bldg., having plans prepared by Ballinger Co., 12th and Chestnut Sts., 4 story and basement, 115 x 127 ft., rein.-con. and brick, plain foundation, 2027-39 Sansom St. $200,000.

Pa., Oil City—Bank—Oil City Natl. Bank having plans prepared by Weary & Alford, 1923 Calumet Ave., Chicago, 1 story, mezzanine and basement, 63 x 100 ft., stone and terra cotta, Seneca St. $500,000.

N. C., Kinston—High School—City plans new high school. $200,000-$300,000. Engineer and architect not announced.

Ala., Huntsville — Office — Huntsville Realty Co. having plans prepared by R. H. Hunt & Co., James Bldg., Chattanooga, Tenn., 10 story, 75 x 150 ft., rein.-con. hotel on Old McGee Hotel site. $500,000.

Miss., Jackson—Church—First Baptist Congregation soon takes bids 3 story, 90 x 150 ft., concrete, steel, tile and slate, concrete and pile foundation. $250,000. N. W. Overstreet, 3-4-5 Overstreet Bldg., archt.

La., Coushatta — Court House — Police Jury Red River Parish had plans prepared by J. W. Smith, Monroe, 3 story stone court house. $185,000.

La., Lafayette—Schools—Voted $350,000 bonds for schools.

Tenn., Nashville — City Hall and Court House—City and Davidson Co. plan city hall and court house, on Public Square. $1,000,000. H. E. Howse, mayor. L. Hickman, co. judge.

Tenn., Nashville — Office — Southern Insurance Co., 128 8th Ave. N., plans new building, 8th Ave. between Church and Broad Sts. $500,000. Engineer and architect not selected.

Tenn., Nashville — Office — Cotton States Life Insurance Co., Stahlman Bldg., C. Lorigans, pres., Atlanta, Ga., had plans prepared by Marr & Holman, Stahlman Bldg., 10 story, rein.-con., brick and stone, 6th Ave. and Deaderick St. $500,000.

Tenn., Somerville—Court House—Fayette Co. plans rebuilding court house, to replace one recently destroyed by fire. $150,000.

Buildings—Commercial (Continued)

O., Akron—Storage—B. F. Goodrich Rubber Co., South Main St., plans brick, steel and concrete storage building. $500,000.

O., Alliance — Mercantile — Kresge Co., Kresge Bldg., Detroit, Mich., plans 4 and 5 story mercantile building, East Main St., here. $150,000.

O., Ashtabula—School—St. Joseph Roman Catholic Church, M. O'Brien, pastor, 474 Lake Ave., having plans prepared by McGarry & McGarry, 4614 Prospect Ave., Cleveland, 2 story and basement, brick, steel and concrete, $150,000.

O., Athens—Municipal—City had sketches made by W. Mills, Nelsonville, 2 story and basement, 60 x 125 ft., rein.-con. and brick municipal building. $150,000.

O., Canton — Mercantile — S. J. Stone, Genl. Del., having plans prepared by M. Miller, 517 Herbert Pl., 3 story and basement, 33 x 137 ft. mercantile building.

O., Canton—Schools—City having plans prepared by C. E. Firestone, Renkert Bldg., new Fairmont Park Building, Clarendon School Relief Building and administration building at West North School grounds; by Vernon, Redding & Associates, Mansfield, high school at 6th St. S. W., $800,000; by Richards, McCarty & Bulford, 584 East Broad St., Columbus, addition to Gibbs Ave. school; and by Dearmont & Epperson, Canton, new units at Wells Building and Woodland Ave. grounds. Noted Sept. 11.

O., Cincinnati—School—City, Clifton Ave., having plans prepared by H. Hake, Telephone Bldg., 3 story and basement, 60 x 207 ft. rein.-con. and brick school of electrical engineering in Burnet Woods. $375,000.

O., Cleveland—Apartment—E. G. Garson, c/o Stotler, De Groot & Haber, 810 Leader News Bldg., plans 2 story and basement, brick and timber, East 101st St. near Hough Ave. $150,000. Engineer and architect not selected.

O., Cleveland—Garage and Sales—Vance Motor Co., W. L. Vance, pres., East 9th St. and Central Ave., having plans prepared by A. F. Foose, 212 Auditorium Garage Bldg., 2 story, 62 ft. top, and 4 story, 35 x 132 ft. rear additions, brick and rein.-con., East 9th St. and Central Ave. $150,000.

O., Cleveland — Store and Hotel—Realty Operating Co., c/o J. L. Falk, pres., 420 Sloan Bldg., having plans prepared by G. A. Grieble, Sloan Bldg., 7 story, 66 x 130 ft., brick and concrete, 1110 Superior Ave. $250,000.

O., Cleveland — Store and Office — Eight Thousand Nine Hundred Fourteen Euclid Co., c/o H. Pierce, pres., 305 Williamson Bldg., having plans prepared by N. Petti, Williamson Bldg., 2 or 3 story, 49 x 120 ft., brick, steel and concrete, 8914 Euclid Ave. $150,000.

O., Cleveland Heights (Warrensville P. O.)—High School—Bd. Educ., W. G. Nesbit, clk., 1781 Lee Rd., having plans prepared by J. H. Graham & Co., 1610 Euclid Ave., Cleveland, Junior High School, 2 story, brick, steel and concrete, Roxboro Rd. $450,000.

O., Cleveland Heights (Warrensville P. O.)—Schools—Bd. Educ., W. H. Nesbitt, dir., 1781 Lee Rd., having plans prepared by J. H. Graham & Co., 1612 Euclid Ave., Cleveland, two, 2 story and basement, brick, steel and concrete additions, one on Euclid Blvd., $180,000, and other on Noble Rd., $160,000.

O., Toledo—Dance Hall—F. B. Conklin, 2925 East Overbrook Rd., Cleveland, and O. L. Beck, Main St., Akron, plan 1 story, brick, steel and concrete dance hall, here. $175,000. I. J. Goldston, 310 Ohio Bldg., Akron, archt.

O., Springfield—Church—Covenant Presbyterian Church, having plans prepared by G. Savage, Witherspoon Bldg., Phila., Pa., for church. $200,000.

O., Zanesville—Hotel—A. P. Rogge, soon takes bids 50 room hotel addition. $150,000.

O., Zanesville—Lodge—Directors Fraternal Order of Eagles Lodge, take bids in spring, 2 story and basement lodge, North 3rd St. $150,000. F. O. Eagle, secy.

Ind., Gary — Lodge, etc. — Knights of Columbus, having preliminary plans prepared by H. L. Porter & R. McNally, 3030 Euclid Ave., Cleveland, O., 11 story, 125 x 125 ft. lodge hall and club house. $750,000.

Ind., Mt. Vernon — Memorial — Comrs., Posey Co., having plans prepared by C. E. Werking & Sons, Richmond, 2 story and basement, 200 x 260 ft., brick, memorial building. $200,000.

Mich., Detroit—Bank and Office—Union Trust Co., Union Trust Bldg., Griswold St. plans 16 story and basement, 80 x 220 ft., rein.-con., brick and steel. Engineer and architect not selected.

Mich., Detroit—Hotel—B. A. Scott, 1710 Ford Bldg., had plans prepared by M. H. Finkel, 1333 Book Bldg., 7 story and basement, 80 x 140 ft. rein.-con., brick and steel, plain foundation, Canfield and Woodward Aves.

Mich., Detroit—Hotel—P. Miller, 111 Putnam Ave., having plans prepared by Halpin & Jewell, 1024 Hammond Bldg., 12 story and basement, 600 room woman's dormitory rein.-con., brick and steel, plain foundation, Kirby Ave. $2,500,000.

Mich., Detroit—Office and Garage—Paige Detroit Motor Co., Fort St. and McKinstry Ave., having plans prepared by A. Kahn, 1000 Marquette Bldg., 2 story and part basement, 53 x 342 ft., rein.-con. brick and steel, plain foundation, Warren Ave. $150,000.

Mich., Detroit—Stores and Office—B. F. Stephenson, 1340 Penobscot Bldg., plans 4 or 6 story and basement, 80 x 100 ft. rein.-con., brick and steel, Cass Ave. and Boulevard. Engineer and architect not selected.

Mich., Kalamazoo — School — Bd. Educ. had plans prepared by Billingham & Cobb, Kalamazoo, 2 story and basement, 14 room, rein.-con., brick and steel, plain foundation, Lovell St. $150,000.

Ill., Princeton—High School—Princeton Twp. School Bd. having preliminary plans prepared by Royer, Danely & Smith, Urbana, rebuilding 3 story, concrete, brick and stone high school, recently destroyed by fire. $300,000.

Ill., Quincy—Church and Sunday School—Central Baptist Congregation, 7th and Vermont Sts., plans 2 story and basement, concrete, brick and stone, Main and 14th Sts. $150,000.

Wis., Milwaukee — Apartment — C. J. Keller & Son, archts., 432 Bway., take bids about Mar. 9, 4 story and basement, 56 x 118 ft., brick and steel, plain foundation, Wells and 29th Sts. $150,000. Owners name withheld. Noted Jan. 29.

Wis., Milwaukee — Apartment — M. Tullgren & Sons, archts., 425 East Water St., take bids about Mar. 10, 3 story and basement, brick and tile, plain foundation, Lisbon Ave., for Park Investment Co., c/o M. Peters, 765 Sherman Blvd. $150,000. Noted Feb. 5.

Wis., Milwaukee — Apartment — H. R. Graham, 145 3rd St., plans 4 story and basement, 42 x 100 ft., brick and tile, plain foundation, Grand Ave. $150,000. Private plans.

Wis., Milwaukee — Apartment — O. F. Priebe, 3501 Highland Blvd., having plans prepared by W. J. Kozick, 664 24th St., 4 story and basement, brick and tile, plain foundation, 14th Ave. $165,000.

Wis., Milwaukee — Bank — Natl. Exch. Bank, 367 Bway., having preliminary plans prepared by Van Ryn & De Gelleke, 114 Grand Ave., 1 story and basement, brick, stone and concrete, plain foundation, East Water St. $150,000.

Wis., Milwaukee — Church — St. Adalbert Congregation, c/o W. Kruszka, pastor, 825 Becher St., plans brick, steel and stone, plain foundation, 14th Ave. $250,000. Engineer and architect not selected.

Wis., Milwaukee — Theatre — S. Ludwig, 4127 Highland Blvd., having preliminary plans prepared by J. Topzant, 144 Oneida St., 2 story and basement, brick and tile theatre, plain foundation. $150,000.

Wis., Racine—Apartment—W. M. Lewis, 202 Badger Bldg., having preliminary plans prepared by J. M. Matson, Baker Block, 6 story and basement, brick and concrete, plain foundation, Main St. $250,000.

Wis., Wauwatosa—High School—H. W. Grove, treas. Union Free High School Dist., 5902 Grand Ave., as receiving competitive sketches until Mar. 29, 3 story and basement, brick and concrete, plain foundation. $500,000. Engineer and architect not selected.

Ia., Cedar Rapids—Memorial—City plans 3 story and basement, 160 x 270 ft., rein.-con., brick and stone memorial building. Election in spring $750,000 bonds for same. Engineer and architect not selected.

Minn., St. Paul—Apartment—A. H. and W. V. Heimbach, 1611 University Ave., St. Paul, having plans prepared by M. A. Wright, 288 Bunker Ave., three 2 story and basements, brick, Milton Ave., and St. Clair St. $150,000.

Kan., Chanute—School—Defeated $350,000 bonds for school, for Bd. Educ. T. W. Williamson & Co., 312 Central Natl. Bank Bldg., Topeka, archts. Notde Jan. 29.

Kan., Dodge City—College—State Bd. Administration, Capitol, Topeka, having preliminary plans prepared by C. M. Routledge, Capitol Bldg., Topeka, 3 story, rein.-con., brick and stone, at State Teachers College, here. $164,000.

Kan., Hutchinson — Administration and Auditorium — State Bd. Administration, Capitol, Topeka, having preliminary plans prepared by C. M. Routledge, Capitol, Topeka, 3 story and basement, 59 x 145 ft., and 63 x 108 ft., rein.-con., stone and steel, at State Reformatory, here.

Kan., Kansas City — Court House — Wyandotte Co. having plans prepared by Wight, 1st Natl. Bank Bldg., Kansas City, Mo., court house, 7th and Ann Sts. $1,000,000.

Kan., Lawrence—Memorial—Kansas University Memorial Assn., c/o S. G. Elliott, soon takes bids on (1st unit) 3 story and basement, 75 x 150 ft., concrete, brick and stone, campus, $250,000. Pond & Pond, 6 North Michigan Ave., Chicago, archts. Goldwin & Goldsmith, 306 Marion Bldg., Lawrence, associated archts. Noted July 3.

Kan., Manhattan—Dormitory—State Bd. Administration, Capitol, Topeka, having preliminary plans prepared by C. M. Routledge, Capitol, Topeka, girls dormitory, 2 story and basement, brick and concrete, at Kansas Agricultural College, here. $200,000.

Kan., Topeka—Home—Methodist Episcopal Congregation, Munson and College Sts., had plans prepared by T. W. Williamson & Co., 312 Central Natl. Bank Bldg., 3 story and basement, 42 x 88 ft., and 42 x 150 ft., rein.-con. and brick addition. $150,000.

Mo., Columbia—Church—First Baptist Congregation having preliminary plans prepared by L. B. Pendleton, McMenil Bldg., St. Louis, 1 story and basement, 125 x 280 ft., rein.-con., brick and stone, Bway. and Columbia Aves. $250,000.

Mo., Columbia—City Hall—Election Apr. 4, $250,000 bonds, 2 or 3 story 125 x 200 ft., brick, concrete and stone city hall. Holden, Ferris & Barnes, A. & R. Bldg., Kansas City, archts.

Mo., Kansas City—Market and Terminal—Riverside Storage Co., plans 3 story, 2 blocks long and 1 block wide, rein.-con. and steel, plain foundation, 2nd St. and Grand Ave. $1,500,000. C. A. Smith, 602 Finance Bldg., archt.

Mo., Kansas City—Theater and Store—J. C. Nichols Development Co., 911 Commerce Bldg., had sketches made theater, etc., brick, concrete and terra cotta, 47th St. and Mill Creek Blvd.

Mo., Springfield—Garage—N. F. Fellow, et al., Springfield, having preliminary plans prepared 3 story and basement, rein.-con. and brick commercial garage and storage building, St. Louis St. $300,000.

Mo., Tarkio—School—Bd. Educ., c/o E. M. Hackett, clk., having preliminary plans prepared by H. I. Goddard, 612 Interstate Bldg., 2 story and part basement, 96 x 186 ft., brick and concrete school to contain manual training, science and agriculture departments, gymnasium, etc.

Ark., Little Rock—High School—Bd. Educ., c/o W. N. Brandon, pres., having preliminary plans prepared by J. P. Almand, Boyle Bldg., Mann & Stern, A. O. U. W. Bldg., and Whittenberg, Deloney & Watts, 3 story, rein.-con., brick and stone high school. $2,000,000.

Tex., Abilene—City Hall—M. L. Sellers, city secy., plans new city hall, Main St. $150,000 bond election soon. Engineer and architect not selected.

Tex., Corpus Christi — Hotel — Nueces Hotel Co., c/o W. W. Jones, plans 5 story and basement addition. $200,000. Engineer and architect not selected.

Tex., Dallas — Schools — Plans election $1,000,000 bonds for schools. Engineer and architect not announced. M. G. James, city secy.

Tex., El Paso—Home—Hotel Dieu having plans prepared by J. E. Overbeck, 3 story and part basement, 78 x 114 ft. nurses home, rein.-con., brick and stone, plain foundation. $150,000.

Tex., Gonzales—Hotel—Syndicate plans 4 story and part basement, brick and stone hotel, plain foundation. $150,000. Work is being financed by subscription and sponsored by Chamber of Commerce. Engineer and architect not selected.

Tex., San Antonio — Home — Protestant Churches having plans prepared by Adams & Adams, Gibbs Bldg., 3 story and part basement, rein.-con., brick and stone, plain foundation, Bandera Rd. and Woodlawn Ave. $250,000.

Tex., San Antonio—Hotel—J. S. Lankford, Gibbs Bldg., had tentative plans prepared 4 and 5 story and basement, brick and stone, plain foundation. Torciso Dr.,

Buildings—Commercial (Continued)

Argyle and Patterson Sts. $160,000. Engineer and architect not selected.

Okla., Bartlesville—Church—First Baptist Church making preliminary plans 1 story, 78 x 145 ft., brick, plain foundation, Osage St. $150,000. Engineer and architect not selected.

Colo., Denver—School—City having plans prepared by F. Redding, Tabor Opera House Bldg., addition to Opportunity School, 13th and Welton Sts. $150,000.

Nev., Reno—Exposition—State Assembly Carson City, voted $250,000 bonds for state exposition building, here.

Wash., Seattle — Apartment — J. A. Creutzer, archt., Leary Bldg., takes bids about Mar. 17, 8 story and basement, rein.-con., Oliver and Belmont Sts., for C. F. Tregoning, c/o architect. $225,000.

Ore., Portland—Hotel—Baker Constr. Co. plans 6 story, 100 x 100 ft., rein.-con., 13th and Alder Sts. T. W. Baker, 629 East 63rd St. N., pres. Engineer and architect not selected.

Calif., Galt — High School — Galt High School Dist., plans new election $150,000 bonds, fireproof high school. Noted Oct. 16.

Calif., Marysville—High School—Plans election $400,000 bonds for group of fireproof buildings, on Knights Park site, for Marysville High School Dist.

Calif., San Diego — Office — City Physicians had plans prepared by F. W. Stevenson, 533 Spreckles Bldg., Medical Arts Building, 10 story, 100 x 100 ft., rein.-con., 11th and C Sts. To exceed $500,000.

Calif., San Francisco—Apartment—Monson Bros., 251 Kearny St., plans 6 to 10 story and basement, rein.-con., Turk and Jones Sts. $200,000 or more.

Calif., San Francisco—Apartment—New York Community Apartment House, Inc., c/o G. A. Shaffer, 560 Sutter St., having plans prepared by W. F. Gunnison, 57 Post St., 10 and 13 story, rein.-con. and steel, Hyde St. To exceed $500,000.

Calif., San Francisco — Hospital — San Francisco Drugless Sanitarium & Hospital, c/o F. H. Miller, pres., 18th Ave. and Geary St., having plans prepared by Shea & Shea, 254 Montgomery St., 5 story and basement, 120 bed unit, rein.-con. hospital. $250,000.

Calif., San Francisco—School—City and San Francisco Co. having plans prepared by Weeks & Day, 315 Montgomery St., 2 story, rein.-con., Shotwell St. $400,000 or more.

Que., Donacona—Convent and Chapel—Catholic Church having plans prepared by L. Auger, 39 St. Jean St., Quebec, 3 story, 50 x 80 ft. convent and chapel, incl. recreation hall, dormitory, dispensary, etc. $150,000.

Que., St. Damien—Hospital—Sisters of Perpetual Secours having plans prepared by H. Laberge, Quebec, 3 story, 50 x 100 ft. hospital addition. $150,000.

BIDS DESIRED

Me., Augusta—Hotel—H. J. Tetreault, 45 Middle St., taking bids 6 story, 65 x 255 ft., brick and steel addition. $500,000. Bunker & Savage, Augusta Trust Bldg., archts.

Me., Biddeford—High School—Mar. 12, by City, 3 story and basement, 70 x 100 ft., and 70 by 112 ft., brick and steel, plain foundation. $400,000. Krokyn & Brown, 220 Devonshire St., Boston, Mass., archts. Noted Feb. 12.

Me., Brewer — Gymnasium, etc. — H. R. Houston, supt. of Schools, taking bids 2 story and basement, brick and stone gymnasium and assembly hall addition to high school, plain foundation. $170,000. Butterfield & Guertin Co., 801 Beach St., Manchester, N. H., archts. Noted Nov. 6.

Me., Rumford — Hospital — Community Hospital Assn., taking bids 2 story and basement, 35 x 156 ft., brick and stone hospital. $150,000. Rogers & Dion, 42 Berkley St., Boston, archts.

Me., Rumford—Nurses' Home, etc.—Community Hospital, c/o E. W. McCathey, taking bids brick and stone nurses' home, incl. power house. $150,000. Rogers & Dion, 142 Berkeley St., Boston, Mass., archts. Noted Dec. 4.

Mass., Boston—Garage—Kudish & Kager, 521 Seaver St., Roxbury taking bids 1 story, 125 x 300 ft., rein.-con., and brick, 1246 Massachusetts Ave., here. $200,000. A. Rotsentein, 229 Devonshire St., archt. Noted Feb. 26.

Mass., Boston — Office and Store — A. Krey, c/o W. J. Freethy, archt., 210 State St., taking bids 6 story and basement, 65 x 70 ft., rein.-con., and cast stone, plain foundation, 265-273 Washington St. $175,000.

Mass., Boston—Store and Office—Byrant Real Estate Trust, c/o F. A. and F. M. Kendall, archts., 45 Broomfield St., taking bids 5 story and basement, brick and cast stone, 85-91 Court St. $150,000. Noted Feb. 19.

Mass., Boston—Store and Office—A. F. Goodwin, c/o Little & Russell, archts., 45 Bronfield St., had revised plans prepared and taking bids remodeling and constructing 6 story and basement, brick and stone, 154-156 Boylston St. $150,000. Noted Jan. 29.

Mass., New Bedford—High School—Mar. 25, by City, Municipal Bldg., 3 story and basement, 160 x 225 ft., brick and limestone, Court and County Sts. $1,000,000. Bown & Poole, 688 Pleasant St., archts. Noted Jan. 22.

Mass., Newton (branch of Boston) — School — Mary Immaculate of Lourdes Roman Catholic Church, D. H. Donovan, pastor, Eliot St., taking bids 2 story and basement, brick and stucco, Eliot St. $150,000. Noted Feb. 19.

Mass., Roxbury (Boston P. O.) — Mercantile— M. M. Kalman, archts., Old South Bldg., Boston, taking bids 3 story and basement, brick and stone, Washington St., here. $150,000. Owners name withheld. E. C. Woodman Co., 2235 Washington St., lessee. Noted Feb. 26.

Mass., Springfield—Station—Boston & Albany R.R., South Station, Boston, taking bids 1 story, 121 x 302 ft., brick and stone, station, here. Fellheimer & Wagner, 7 East 42nd St., New York City, archt. F. W. Freeman, ch. engr. Noted Feb. 12.

Mass., Swampscott — School — Town Bd. Selectmen, taking bids 2 story and basement, brick and stone, Redington St. $150,000. Peare, Quiner, Nevin & Chickering, 6 Beacon St., Boston, archts. Noted Sept. 18.

Mass., Worcester—Church—St. Josephs Roman Catholic Church Society, taking bids 2 story and basement, brick and stone, Hamilton St. $150,000. O. E. Nault, 48 Hamilton St., archt. Noted May. 22.

R. I., Providence—Store and Office—J. Marcus & Co., 184 North Main St., taking bids 3 story and basement, 60 x 80 ft., brick and stone, plain foundation, North Main St. $150,000. W. J. Richards, 7 Exchange St., archt.

R. I., West Warwick—School—Our Lady of Council, Phoenix, taking bids 2 story and basement, brick and stone school, here. $150,000. W. T. Fountaine, 285 Main St., Woonsocket, archt.

Conn., Hamden—Theatre and Stores—C. Schneider, 42 Church St., New Haven, taking bids 1 story, 80 x 140 ft., brick theatre and stone building. $150,000. C. H. Abramowitz, 42 Church St., New Haven, archt.

N. Y., Blasdell—High School—Mar. 14, by Bd. Educ., high school, Madison Ave. $150,000. F. A. Spangenberg, 250 Delaware Ave., Buffalo, archt.

N. Y., Brooklyn—School—Mar. 19, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., constructing P. S. 63, Williams Ave., for Bd. Educ., 500 Park Ave., New York.

N. Y., Buffalo—Office—Schoelkopf, Hutton & Pomeroy, Marine Bank Bldg., taking bids office building, Niagara St. $300,000. Essenwein & Johnson, Ellicott Sq. Bldg., archt.

N. Y., Buffalo—School—Mar. 12, by Bd. Educ., 901 Genesee Bldg., P. S. 75, rein.-con. and brick, Howard St. To exceed $300,000. Bureau Architecture, Court and Franklin Sts., archts.

N. Y., Mechanicsville—High School—Mar. 25, by Bd. Educ., addition to high school. $175,000. Simpson & Rolston, Inc., 622 Essex Bldg., Newark, N. J., archts. and engrs.

N. J., Asbury Park—Store, etc.—Mar. 10, by City Comn., stores and pavilions on beach between Sunset and 6th Aves. $200,000. A. F. Cottrell, and K. M. Towner, Asbury Park, engrs.

N. J., Vineland — Institution — Mar. 17, (extended date) by State Bd. Institution and Agencies, 135 West Hanover St., Trenton, group of buildings, here. $375,000. A. B. Mills, Trenton, state archt. Noted Feb. 19.

Pa., Fernwood—Store and Apartment—F. C. Hoopes, 3rd St. and Baltimore Ave., will build 3 story and basement, 130 x 150 ft., brick and steel, plain foundation, Baltimore Ave. between Church St. and Beverley Rd. Work will be done by separate contracts. $300,000. A. W. Hall, Upper Darby P. O. Bldg., Upper Darby (Phila. P. O.), archt.

Pa., Grove City—Church—J. C. Fulton & Son, archts., Uniontown, taking bids and open same about Mar. 1, 2 story and basement, 100 x 180 ft., stone and brick, Pelton Hall site, for Presbyterian Congregation. $300,000.

Pa., Lewistown—Church—Mar. 12, by Building Com. Grace Evangelical Church, S. E. Koontz, chn., 1 story and basement, 80 x 110 ft., brick, steel, natural and manufactured stone, Logan & Spruce Sts. $150,000.

Pa., Phila.—Professional—Mar. 6, by L. Rothschild, archt., 215 South Broad St., 12 story and basement, 32 x 115 ft., brick and steel, plain foundation, 13th and Locust Sts., for Heyman & Bro., 214 South Broad St. $250,000.

Pa., Phila. — Store — Mar. 9, by G. C. Nimmons & Co., 122 South Michigan Ave., Chicago, 1 story and basement, 27 x 440 ft., 9 story and basement, 120 x 220 ft., and 1 story and basement, 120 x 450 ft., rein.-con. and brick additions, plain foundations, Roosevelt Blvd. Whitaker and Langden Sts., here, for Sears Roebuck Co., Arthington and Homan Sts., Chicago.

Pa., Pittsburgh—Church, School and Parish House—Mar. 6, by C. G. Strong, archt., Keystone Bldg., 1 and 2 story and basement, 114 x 294 ft., stone, Walnut and Shady Sts., for Sacred Heart Roman Catholic Congregation, c/o T. F. Coakley, 5934 Center Ave., pastor. $1,900,000.

Pa., Pittsburgh—Nurses Home—Mar. 11, by Mercy Hospital, Stevenson St., 9 story and basement nurses home. $600,000. E. M. Stotz, Monongahela Bank Bldg., archts.

Md., Baltimore—Nurses Home—Mar. 12, by J. E. Sperry, archt., Calvert Bldg., 10 story, 107 x 142 ft., brick and steel, plain foundation, Bway. between Monument and McElderry Sts., for Johns Hopkins Hospital, Bway. between McElderry and Monument Sts. $650,000.

Md., Cumberland—High School—Mar. 24, by Smith & May, archts., Calvert Bldg., Baltimore, 3 story and basement, 169 x 200 ft., brick and steel, plain foundation, here, for Bd. Educ. Allegheny Co. $450,000. H. Massart, 328 North Charles St., Baltimore, engr.

La., New Orleans—Hotel—Mar. 15, by Weiss & Dreyfous, archts., Maison Blanche Bldg., Jung Hotel, 10 story, concrete, brick, steel and limestone, Canal and Howard Sts., for Messrs. Jung. $1,000,000.

Fla., Sanford — Jail — Mar. 9, by City Comn., for jail. $150,000. E. J. Moughton, Sanford, archt.

Tenn., Nashville — Apartment — R. R. Ogilvie, 4th and 1st Natl. Bank Bldg., will construct 3 story, rein.-con., brick and hollow tile, 25th St. and Kirkland Ave. $150,000. Work will be done by separate contracts.

O., Cleveland—Garage and Office—Motors Realty Co., G. G. G. Packham, pres., c/o Ohio Buick Co., 1903 East 19th St., taking bids 10 story and basement, 135 x 320 ft., brick, steel and concrete, Euclid Ave. and East 24th St. $1,000,000. W. S. Ferguson Co., 1900 Euclid Bldg., archts.

Mich., Detroit—College—D. A. Bohlen & Son, archts., 1001 Majestic Bldg., Indianapolis, Ind., taking bids 3 story and basement, rein.-con., brick and stone, plain foundation, Wyoming Ave., here, for Immaculate Heart of Mary, 1219 Washington Blvd. $300,000.

Mich., Lansing—Office—Mar. 10, by R. K. Orr, pres. Wolverine Insurance Co., 7 story and basement, 52 x 96 ft., rein.-con., brick and steel, plain foundation, Capitol Ave. E. A. Bowd, Lansing, archt.

Mich., Port Huron—High School—Mar. 9, by R. R. Kemp, secy. Bd. Educ., 2 story and basement, rein.-con., brick and steel addition, plain foundation. $175,000. W. H. Wyeth, Port Huron, archt.

Wis., Fond du Lac—School—Mar. 10, by St. Peters Congregation, c/o A. Egelhoff, 87 Main St., 2 story and basement, 80 x 105 ft., brick, tile and concrete, plain foundation. $150,000. F. J. Stepnoski, Forest Ave., archt. Noted Jan. 29.

Wis., Milwaukee — Mausoleum — Valhalla Cemetery Co., 114 Grand Ave., taking bids 1 story and basement, 52 x 150 ft., rein.-con., stone and marble, plain foundation, Valhalla Cemetery. $175,000. G. H. Leipold, 160 Martin St., archt.

Wis., Milwaukee—Store—Barkhausen & Logemann, archts., 79 Wisconsin St., taking bids 100 x 200 ft., brick and steel top addition, Sycamore St., for Boston Store, 319 Grand Ave. $150,000. Noted Feb. 26.

Wis., Racine — School — Mar. 12, by Bd. Educ., c/o A. H. Schafer, secy., 2 story and basement, brick, tile and concrete addition to Knapp School, plain foundation.

Buildings—Commercial (Continued)

$150,000. J. M. Matson, Baker Blk., engr. Noted Nov. 27.

Ia., Davenport — Office — Mar. 16, by Temple & Burrows, archts., 208 Main St., 3 story and basement, 76 x 139 ft., rein.-con. and steel, for Bettendorf Co. Bettendorf. $175,000.

Ia., Iowa City — Medical Laboratory — Mar. 17, by W. H. Gemmill, secy. State Bd. Educ. 4 story, 222 x 316 ft. rein.-con., brick and stone addition. Proudfoot, Rawson & Souers, 810 Hubbell Bldg., Des Moines, archts. Noted Jan. 29.

Kan., Hiawatha — Court House, etc. — Mar. 19, by Clerk Brown Co., 3 story, 88 x 104 ft. court house and 32 x 58 ft. jail, both rein.-con. and stone. $350,000. W. E. Hulse & Co., Stamey Hotel Bldg., Hutchinson, archts. Noted Feb. 5.

Mo., Carthage—Administration—Mar. 12, by Bonsock & Pearce, archts., Republic Bldg., St. Louis, and P. K. Simpson, archt., Carthage, 3 story, 60 x 250 ft., stone administration building, for Ozark Wesleyan College. $250,000. Noted Jan. 29.

Mo., Hannibal—High School—Mar. 17, by Secretary Bd. Educ., Central High School, 2 story and basement, 110 x 195 ft., rein.-con., brick and stone. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted Jan. 29.

Mo., Springfield—College—Mar. 11, by Drury College, 2 story and basement, concrete and native stone, music hall, girls' dormitory and library. $215,000. Farrand & Fitch, Washington University, St. Louis, archts. Hawkins & Abbitt, Springfield, consult. archts. Noted Dec. 4.

Neb., Lincoln—School—Mar. 18, by Bldg. Bd. Educ., J. G. Ludlow, secy., 2 story and basement, 65 x 250 ft., rein.-con. school. $200,000. Davis & Wilson, 525 South 13th St., archts. Noted Jan. 15.

Colo., Ft. Morgan—High School—Mar. 12, by Secretary School Bd., 3 story, 200 x 300 ft., concrete, brick and terra cotta high school. $250,000. W. N. Bowman, Central Savings Bank Bldg., Denver, archt.

Calif., Alhambra — Church, etc. — C. F. Skillington, archt., Bradbury Bldg., Los Angeles, taking bids 50 x 100 ft. Sunday school building, 65 x 140 ft. educational building, and 65 x 70 ft. pastor's study, etc., all brick, here, for First Methodist Episcopal church. Noted July 10.

Calif., Los Angeles—Hotel—R. W. Fiske, 1004 Great Republic Bldg., taking bids 5 story, 50 x 155 ft., brick, Leeward Ave.

Calif., Los Angeles — Store and Loft — Curlett & Beelman, archts., Union Bank Bldg., taking bids 8 story and basement, 60 x 150 ft., rein.-con., Hill St. between 6th and 7th Sts., for Harris & Frank, 443 South Spring St. Noted Dec. 25.

Calif., Los Angeles—Theatre, Store and Office—L. A. Smith, archt., Lily-Fletcher Bldg., taking bids 2 story, 155 x 195 ft., brick and rein.-con., 10th St. and Western Ave., for West Coast Theatres, Inc., Knickerbocker Bldg.

Calif., Oakland — Theatre — Reid Bros., archts., 105 Montgomery St., San Francisco, taking bids 2 story, Class "A," 2,500 seating capacity, Grand, Lakeside and Walker Aves., here, for A. C. Karski & L. Kaliski, c/o architects. $240,000. Noted Nov. 27.

Calif., Orange—Lodge and Store—Allison & Allison, archts., Hibernian Bldg., Los Angeles, taking bids 3 story and basement, 85 x 125 ft., rein.-con. and brick lodge and store, here, for Odd Fellows' Lodge of Orange. Noted Oct. 28.

Que., Thetford Mines—Convent—Mar. 6, by Bergeron & Lemay, archts., Quebec, 4 story, 75 x 110 ft. convent, here, for Sisters of Charity, Quebec. $200,000.

BIDS RECEIVED

N. H., Berlin—High School—City, general contract 2 story and basement, 50 x 160 ft., brick and cast stone, plain foundation, from Rowe Constr. Co., 560 Main St., Woodsville, $184,977; heating, from T. A. Ridders & Co., 304 Dover St., Boston, Mass., $29,450. Noted Feb. 19.

R. I., Providence — High School — Public Building Comn., City Hall, Commercial High School, 2 story and basement, brick and stone, from E. Turgeon, 86 Weybossett St., Providence, $172,415. Noted Jan. 1.

Pa., Pittsburgh—High School—Bd. Educ., Fulton Bldg., Feb. 19, 3 story and basement, brick on hollow tile addition, to Perry High School, Perrysville Ave., from Williams & Haas, Magee Bldg., $221,876.

Mich., Detroit—School—C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway., 2 story and basement, rein.-con., brick and steel, from F. N. Cooper, 6370 Gratiot Ave. $558,885; heating equipment, from J. W. Partlan, 1255 Park Pl., $169,580. Noted Feb. 5.

Okla., Muskogee—Temple—Brassham & Howenstine, archts., 701 Barnes Bldg., Feb. 14, 2 story and basement, 120 x 132 ft., concrete brick and stone, 6th and Boston Sts., from Dougherty & Nichols Constr. Co., 416 Equity Bldg., for Masonic Building Assn., W. G. Gibbons, chn., 200 Bedouin Temple. $202,785. Noted Oct. 23.

Calif., Pasadena — School — Bd. Educ., general contract Washington Junior High School, 2 story, brick, from W. T. Loesch, 110 North Euclid Ave., $137,500. Noted Feb. 12.

CONTRACTS AWARDED

N. H., Keene—Bank—Cheshire Co. Savings Bank, Central Sq., altering and constructing 2 story and basement, brick and cast stone addition, Central Sq., to S. Belanger & Sons, 308 Main St., Nashua. Archts. est. $150,000.

Mass., Allston (Boston P. O.)—Garage—Seavey Realty Trust, c/o J. S. McLean, 160 Allston St., 2 story, 120 x 180 ft., rein.-con., brick and steel, 7-15 Scottfield St., to Pultz Inc., 173 Milk St., Boston. Archts. est. $150,000. Noted Feb. 5.

Mass., Boston—Apartment—M. Abrams, 115 Audubon Rd., will build 5 story and basement, brick and stone, plain foundation, Audubon Rd., by day labor. $200,000. Silverman, Brown & Heenan, 51 Cornhill St., Boston, archts. Noted Feb. 19.

Mass., Boston — Garage — Chamberlin Garage, Inc., 110 Tremont St., 5 story, 18,000 sq.ft. floor space, rein.-con., brick and steel, 16 Stoneholm St. to Scully Co., 118 1st St., Cambridge. Archts. est. to exceed $150,000. Noted Jan. 29.

Mass., Boston — Mercantile — Chamberlin & Co., Inc., 28 Blackstone St., altering and constructing 4 story and basement, brick addition, 28-32 Blackstone St., to J. Bowen Co., 184 Dudley St., Roxbury. Archts. est. $150,000.

Mass., Boston—Store—Kakas Bros., Inc., 72 Chauncy St., remodeling 4 story and basement, brick store building, to Sawyer Constr. Co., 16 Arlington St. Archts. est. $150,000. Noted Jan. 22.

Mass., Brighton (Boston P. O.)—Apartment — Rosen & Levine, Marshall St., Brookline, will build 5 story and basement, rein.-con., brick and limestone, 1998 Commonwealth Ave., here, by day labor. $160,000. S. S. Eisenberg, 46 Cornhill St., Boston, archt.

Mass., Dorchester (Boston P. O.)—Apartment—Green & Shapiro, 90 Columbia Rd., will build 3 story and basement, rein.-con. and brick, 90-94 Columbia Rd., by day labor. $150,000. Private plans.

Mass., Framingham—Convent—Sisters of St. Joseph, 3 story and basement, brick, Apple St., to J. and W. Muldoon, 80 Oakview Terrace, Jamaica Plain. Archts. est. $150,000. Noted Feb. 19.

Mass., Medford — Apartment — Carter Bros. Realty Trust., 330 Somerville Ave., Somerville, will build 3 story and basement, brick and timber, Fountain St., here, by day labor. $200,000. Private plans.

Mass., Nantucket—Bank—Pacific Natl. Bank, 1 story and basement, rein.-con., brick and stone, to Sawyer Constr. Co., 18 Arlington St., Boston. Archts. est. $150,000 or more.

Mass., New Bedford — Garage — F. J. Greene, c/o J. L. LaBrode, archt., 502 Olympia Bldg., 2 story, 120 x 140 ft., brick and steel, plain foundation, Elm St., to Locke & Thomas, Inc., 504 Olympia Bldg. Archts. est. $150,000. Noted Jan. 15.

Mass., Salem—Exchange—New England Telephone & Telegraph Co., 50 Oliver St., Boston, 3 story and basement, 65 x 100 ft., brick addition, here, to E. H. Porter Co., 13 Wales St., Peabody.

Mass., Somerville — Apartment — A. M. Shery, c/o S. E. Moffie, archt., 51 Cornhill St., Boston, will build 3 story and basement, 40 x 50 ft., rein.-con., Bway., by day labor. $300,000. Noted Feb. 19.

Mass., South Boston (Boston P. O.)—Nurses' Home—Carney Hospital, 5 story and basement, 42 x 122 ft., rein.-con., brick and stone addition, Old Harbor St. and Thomas Park, to C. Logue Building Co., 18 Tremont St., Boston. Archts. est. $250,000. Noted Jan. 15.

R. I., Providence—Business—Exchange Realty Co., 32 Westminster St., 5 story and basement, 80 x 90 ft., brick and steel, to E. Turgeon, 86 Weybosset St. Archts. est. $150,000.

R. I., Providence—Garage—R. Williams Realty Co., Providence, and 50 East 42nd St., New York City, 6 story, 26,000 sq.ft. floor space, brick and steel, Fountaine St., to W. Haefeli, Grand Central Terminal, New York City. Archts. est. $800,000. W. S. Achorn, Rhode Island Motor Mart, lessee.

R. I., Providence — Garage — Promenade Realty Co., 524 Westminster St., 2 story, 130 x 160 ft., rein.-con. and brick, Westminster St., to E. Radding Constr. Co., 114 Westminster St. Archts. est. $200,000.

Conn., Waterbury—School—St. Josephs Roman Catholic Church, 2 story and basement, 70 x 130 ft., brick and stone, John St., to Lariviere & Highland, 280 Main St. Archts. est. $150,000. Noted Feb. 5.

N. Y., New York—Apartment—H. [illegible] Building Corp., c/o H. I. Feldman, archt. and engr., 516 5th Ave., will build 6 story, brick, steel and stone, plain foundation, Burnside Ave., by day labor. $350,000.

N. Y., New York—Apartment—Grand Terrace Constr. Co., c/o C. S. Clark, archt. and engr., 501 East Tremont Ave., will build 6 story, brick, steel and stone, plain foundation, Tremont Ave., by day labor. $150,000.

N. Y., New York — Apartment — S. [illegible] Rosenberg, c/o C. S. Clark, archt. and engr., 441 East Tremont Ave., will build 6 story, brick, steel and stone, plain foundation, Southern Blvd., by day labor. $300,000.

Pa., Bethlehem—Home—Bethlehem Temple Assn., 3 story and basement, 90 x 124 ft., brick and steel addition, plain foundation, to H. E. Stoudt, Bethlehem. Archts. est. $175,000.

Pa., Phila. — Loft — Fretz Realty Co., 10th and Diamond Sts., 8 story and basement, 80 x 100 ft., rein.-con. and brick, plain foundation, to W. Steele & Son, 219 North Broad St.

Pa., Phila.—Store and Office—Seventeenth and Walnut St. Corp., c/o L. B. Rothschild, archt., 215 South Broad St., 12 story and basement, brick and steel, plain foundation, to J. E. Dever, Ridley Park. Archts. est. $500,000.

Md., Baltimore — Office and Store — I. Silberstein, 402 St. Paul St., will build 2 story and basement, 109 x 116 ft., brick, plain foundation, Baltimore and Lloyd Sts., by day labor. $150,000. E. H. C. Browne, 402 St. Paul Bldg., archt.

Md., Baltimore—Police—Bd. Awards, 5 story and basement, 160 x 237 ft., brick and steel, plain foundation, Lexington and Fallsway Sts., to Sinclair & Grigg, Medical Arts Bldg., Phila., Pa., $933,100. Noted Feb. 26.

Va., Blacksburg — Memorial — Virginia Polytechnic Institute, Blacksburg, 3 story and tower, Goethic architecture, native limestone, to J. L. Crouse, Greensboro, N. C., $285,892.

O., Cincinnati — Church — Bethlehem Methodist Episcopal Church, Fairfax Ave., 2 story and basement, 150 x 200 ft., rein.-con., brick and stone, plain foundation, Woodburn Ave., to Roos-Meyer & Hecht, Clifton Ave., $145,000. Archts. est. $150,000. Noted Dec. 25.

O., Cleveland—Police Station—City, W. R. Hopkins, city mgr., 4 story, 79 x 101 x 149 x 229 ft., brick, steel and concrete, Payne Ave., to G. A. Rutherford, 2725 Prospect Ave. Noted Dec. 25.

O., Cleveland—Schools—Walker & Weeks, archts., 1900 Euclid Bldg., 72 x 240 ft. academic building, 70 x 190 ft. dormitory, 40 x 120 ft. rectory and dining hall, 50 x 90 ft. service building, all brick and steel, also swimming pool and recreation field, North Woodland and Warrensville Center Rds., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., for University School, Hough Ave. and East 71st St. Archts. est. $1,000,000.

O., Cleveland—Store and Office—Lorain Medical Building Co., c/o W. R. Powell, archt., 705 Rose Bldg., 3 story and basement, 55 x 110 x 155 ft., brick and steel, West 115th St. and Lorain Ave., to A. A. Lane Constr. Co., 1869 East 55th St. Archts. est. $150,000. Noted Jan. 15.

Mich., Albion—Gymnasium—Albion College, 1 and 2 story, 140 x 142 ft., brick and tile, plain foundation, to Schumaker Constr. Co., 218 Michigan Ave. Archts. est. $175,000. Noted Jan. 22.

Ill., Belleville—Bank—First Natl. Bank, Public Square, altering and remodeling 4 story and basement, bank building, to St. Louis Bank Building Co., 811 Walnut St., St. Louis, Mo., Archts. est. $150,000.

Ill., Centralia — Bank and Office — Old Natl. Bank, 2 story and basement, 60 x 100 ft., rein.-con., brick and stone, Bway. and Locust Sts., to St. Louis Bank Building Co., 811 Walnut St., St. Louis, Mo. Archts. est. $150,000.

Wis., Fond du Lac—High Schools—Bd. Educ., c/o J. Hohensee, secy., 2 story and basement, brick, tile and concrete addition, to Roosevelt Junior High School, to Hutter Constr. Co., 128 Western Ave., and addition to Fond du Lac Senior High School, to Immel Constr. Co., Dana Bldg. Archts. est. $200,000 each. Noted Feb. 19.

Wis., Milwaukee—Store and Office—A. S. Alschuler, archt., 28 East Jackson Blvd., Chicago, Ill., 8 story and basement, 125 x 150 ft., brick and concrete, Wells St., to T. Stark & Co., 130 Muskegon Ave., for English Woolen Mills, 222 3rd St. Archts. est. $750,000. Noted Feb. 12.

Minn., Faribault — School — St. Marys Hall, general contract 2 story and basement, rein.-con., brick and stone school, to J. B. Nelson, Constr. Co., Mankato. Archts. total est. $200,000. Noted Feb. 12.

Buildings—Commercial (Continued)

Mo., Jefferson City — High School — Bd. Educ., general contract 3 story, 115 x 190 ft. high school, to G. Walker, Salina, Kan., $210,317; heating, to Eichler Heating Co., Railway Exch. Bldg., St. Louis, $34,257. Noted Feb. 5.

Mo., Kansas City—Apartment—J. N. McConnell, 1600 Grand Ave., 8 story and basement, 60 x 150 ft., brick, stone, steel and rein.-con., Bway. and 36th St., to Collins Bros., 1600 Grand Ave. Archts. est. $500,000.

Mo., Kansas City — Apartment — D. E. Long, 616 Chambers Bldg., 4 story and basement, brick and rein.-con. Baltimore St. near 36th St., to R. D. Shore, 3542 Main St. Archts. est. $300,000.

Mo., Kansas City — Apartment — Fisher Building Co., 618 Commerce Bldg., 8 story and basement, 48 x 132 ft., rein.-con., brick and terra cotta, Locust St., to Patti-Moore Constr. Co., 411 Jenkins Bldg. Archts. est. $500,000.

Mo., Kansas City—Apartment—Syndicate c/o V. J. De Foe, archt., 1704 Baltimore St., 7 story and basement, 75 x 130 ft., rein.-con., brick stone and terra cotta to J. W. McCallum Constr. Co., 313 East 12th St. Archts. est. $250,000.

Mo., Kansas City — Exchange — Kansas City Telephone Co., Telephone Bldg., general contract 3 story and basement, 115 x 115 ft., L shaped, Walnut and 39th Sts., to Miller-Stauch Constr. Co., 228 Railway Exch. Bldg. Archts. est. $225,000.

Mo., Kansas City—Hotel—V. J. De Foe, archt., 1704 Baltimore Ave., 7 story and basement, 75 x 130 ft., rein.-con., brick, terra cotta and stone, to Callum Constr. Co., 313 West 12th St. Archts. est. $250,000. Owner's name withheld.

Mo., Kansas City—Hotel—Fisher Bldg. Co., 618 Commerce Bldg., 8 story and basement, 48 x 132 ft., rein.-con., brick and terra cotta to Patti-Moore Constr. Co., 411 Jenkins Bldg. Archts. est. $500,000.

Mo., St. Louis — Apartment — Anderson Stocke & Buerman Realty Co., 808 Chestnut St., 3 story and basement, 120 x 120 ft., rein.-con., brick and stone, Cabanne St. and Hamilton Ave., to V. A. Chinberg, 808 Chestnut St. Archts. est. $150,000. Noted Feb. 19.

Mo., St. Louis — Bank and Office-Boatmens Bank Building, c/o J. M. Robertson, 314 North Bway., altering, remodeling and enlarging bank and office building, Olive and Bway. Sts., to St. Louis Bank Building Co., 811 Walnut St. Archts. est. $200,000.

Mo., St. Louis — Hotel — S. G. Lewis Realty Co., 4885 Natural Bridge Ave., will build 4 story and basement, 45 x 146 ft., brick, concrete and stone, 4923-27 Natural Bridge Ave., by day labor, under supervision of J. T. Craven Eng. Co., Century Bldg., engrs. and archts.

Ark., Little Rock—Store—J. D. Back & Bro., 410 Main St., 4 story and basement, 50 x 140 ft., rein.-con., brick, steel and stone, 5th and Main Sts., to Ault & Burden, 117 West 2nd St., Little Rock. Noted Jan. 22.

Tex., Houston—Hotel—N. D. Naman, 10 story and basement and 1 story annex, 75 x 100 ft., rein.-con., brick, steel and stone, plain and concrete pile foundation, Texas Ave. and La Branch St., to Tellepsen Constr. Co., 2112 Main St., $500,000.

Okla., Oklahoma City—Apartment—A. C. Kreipke, Herskowaitz Bldg., 8 story and basement, rein.-con., brick and stone apartment, incl. 1 story brick and concrete garage, 13th and Shartel Sts., to Kreipke-Schaefer Constr. Co., Herskowitz Bldg. Archts. est. $700,000. Noted Nov. 27.

Wash., Seattle—Apartment—J. S. Hudson, Empire Bldg., will build 4 story and basement, 60 x 120 ft. apartment, Borsh Ave., by day labor. $192,000. W. G. Mann, 1816 Ravenna Blvd., archt. Noted Jan. 15.

Wash., Seattle — Apartment — E. J. Rounds, Walker Bldg., will build 3 story and basement, 120 x 120 ft., masonry, 845 Bellevue Pl., by day labor. $180,000. Stuart & Wheatley, Walker Bldg., archts.

Calif., Huntington Park—Theatre, Store and Apartment—West Coast Theatres, Inc., 643 South Olive St., Los Angeles, 2 story and basement, rein.-con., Pacific Blvd., to Reed & Ritchie, 163 South Pacific Blvd. $165,300. Noted Jan. 29.

Calif., Long Beach—Schools—Bd. Educ., for general contract Frances E. Willard School, 11th St. between Origaba and Freeman Sts., to C. T. McGrew & Son, 1345 West Ocean Ave., $238,550; also brick high school, to J. D. Sherer & Son, 1865 East Anaheim St., $181,285.

Calif., Lomita (Los Angeles P. O.)—High School—Los Angeles Bd. Educ., general contract Narbonne High School, 3 story, 70 x 257 ft. administration and classroom building, 1 story, 32 x 84 ft. each manual arts and domestic science buildings, 1 story, 70 x 120 ft. auditorium, two story locker and shower room buildings, all rein.-con. and brick, Pomelo St., here, to A. Johnson, 1007 South Grand Ave., Los Angeles, $245,370. Noted Feb. 19.

Calif., Los Angeles—Apartment—E. C. English, 508 Citizens Natl. Bank Bldg., will build 6 story and basement, 150 x 225 ft., rein.-con., 4th St. and Normandie Ave., by day labor. E. G. Martin, Citizens Natl. Bldg., archt.

Calif., Los Angeles — Hotel — T. C. Hughes, 4561 North Griffin Ave., 5 story and basement, 85 x 235 ft., rein.-con. and steel, Columbia Ave., to F. W. Riley, 1226 Georgia St., to exceed $150,000.

Calif., Los Angeles — Synagogue — Sinai Synagogue, 1501 West 12th St., general contract 3 story and basement, 120 x 150 ft., rein.-con., plain foundation, 4th St. and New Hampshire Ave., to Lewis Constr. Co., Los Angeles., $350,000. Noted Feb. 19.

Calif., Oakland—Apartment and Store—Turlock Produce Co., East 12th St. and 3rd Ave., 3 story, brick and concrete, East 12th St. and 3rd Ave., to Barrett & Hilp, 918 Harrison St., San Francisco, $152,300.

Calif., San Jose—Exchange—Pacific Telephone & Telegraph Co., 333 Grant Ave., San Francisco, general contract for brick and concrete addition, Market St., to Morrison Bros. Constr. Co., Santa Clara, approximately $152,900. Noted Dec. 4.

Calif., San Pedro — Hotel — L. A. Guetzhow, 746 McArthur St., will build 4 story and basement, brick, plain foundation, 276 West 4th St., by day labor. $180,000. G. Bailey, 410 Hillstreet Bldg., Los Angeles, archt.

Ont., Collingwood—Collegiate—Bd. Educ., 2 story, 90 x 175 ft., brick, Hurontario St., to G. H. Thomas & Son, Dickson St., Galt. Archts. est. $150,000. Noted Jan. 15.

Que., Roberval—School—Urseline Sisters, 4 story, 86 x 163 ft., normal school, to C. A. Page, Chicoutimi, $150,000. Noted Jan. 15.

Federal Government Work

PROPOSED WORK

Mass., South Boston — Capstans — Spec. 5060—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon takes bids removing 6 hand capstans and concrete foundations and installing 4 capstan pits, etc., here.

Va., Norfolk—Alterations—Spec. 5074—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans alterations to Building 36, at Naval Hospital, here.

Nevada—Roads—U. S. Bureau Pub. Rds., 9 Main St., San Francisco, Calif., plans grading 1 mi. and crushed rock surfacing 18 mi. Lincoln Highway, west of Austin; also grading and surfacing 4 mi. Lincoln Highway east of Austin, both Lander Co. C. H. Sweetser, dist. engr.

California—Roads—U. S. Bureau Pub. Wks., 9 Main St., San Francisco, plans grading and graveling 5 mi. Swartout Canyon between Cajon Pass and Los Angeles Co. line, San Bernardino Co.; grading and rock surfacing 4.5 mi. Yuba Pass Rd. between Sierra City and Gold Lake Junction, Sierra Co., 5 mi. highway along Truckee River north of Tahoe City, Placer City, Placer Co.; crushed rock surfacing 8 mi. Auburn-Truckee Rd. from Soda Springs to Donner Lake, Nevada and Placer Counties. C. H. Sweetser, dist. engr.

Cuba, Guantanamo Bay — Steel Water Tank—Spec. 5006—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans steel water tank, here.

P. I., Cavite—Radio Tower—Spec. 5057—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids Feb. 18, radio tower, here. Noted Feb. 26.

BIDS DESIRED

Del., Wilmington—Bridges—Mar. 20, by U. S. Engineer Office, War Dept., Wash., D. C., 2 highway bridges over Chesapeake and Delaware Canal, here. Noted Dec. 4.

D. C., Wash.—Water Piping—Spec. 5078—Mar. 18, by Bureau Yards & Docks, Navy Dept., Wash., D. C., renewal of water piping at Medical School, Naval Hospital.

Va., Quantico—Wearing Surface—Spec. 5086—Mar. 11, by Bureau Yards & Docks, Navy Dept., Wash., D. C., bituminous wearing surface at Marine Barracks Fying Field, here.

Ky., Louisville—Sheet Piling—Mar. 31, by U. S. Engineer Office, P. O. Box 72, steel sheet piling; adv. E. N.-R. Mar. 5.

Ky., Louisville—Steel—Mar. 20, by U. S. Engineer, P. O. Box 72, structural steel, casting, etc. for Lock 52, Ohio River.

Neb., Mitchell — Reclamation Work — Mar. 10, by U. S. Bureau Reclamation, 23,400 cu.yd. excav., 355,000 yd. sluiced embankment, 25,000 cu.yd. concrete, 1,400,000 lb. reinforcing and installing 170,000 lb. metal work. A. Weiss, Mitchell, engr.

Tex., Galveston—Dredging—Apr. 4, by U. S. Engineer Office, dredging Sabine Neches Waterway; adv. E. N.-R. Mar. 5.

Calif., San Francisco—Extension—Spec. 5075—Mar. 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., extension to storehouse, here.

BIDS RECEIVED

Md., Baltimore—Dredging—U. S. Engineer Office, Wash., D. C., 1,750,000 cu.yd. removal from cut-off channel and cut-off Craighill angle sections of Baltimore ship channels, here, from Arundel Corp., Pier 2, Pratt St., $0.1139 per yd. Noted Jan. 22.

Md., Baltimore—Repairs—Treas. Dept. at office Supervising Archt., Wash., D. C., repairing, reroofing, etc. at Immigration Sta., from J. T. Hazzard, Baltimore, $26,675. Mechanical equipment from Kerwan Eng. Co., Baltimore, $4,700, add $2,300, add $850. Noted Feb. 12.

Kan., Ft. Leavenworth — Bridge — H. F. Stone, atty. genl. U. S. Dept. Justice, Wash., D. C., reconstructing bridge over Missouri River between Federal Prison and U. S. Military Reservation, here, from Wisconsin & Iron Wks., North Milwaukee, Wis., $97,877. Noted Feb. 5.

CONTRACTS AWARDED

D. C., Wash.—Garage—Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story garage for fuel yards, here, to Virginia Eng. Co., Newport News, Va., $144,000. Noted Feb. 26.

Ala., Florence—Roofing—U. S. Engineer Office, Florence, roofing power house, at Wilson Dam, to Hinkle Bros. Co., 2431 1st Ave., Birmingham, $17,644. Noted Jan. 29.

Ill., Great Lakes—Water Intake—Spec. 5044—Bureau Yards & Docks, Navy Dept., Wash., D. C., water intake extension to G. A. Green, 1000 South Jackson St., Green Bay, Wis., $62,250. Noted Feb. 26.

Wash., Keyport—Extension—Spec. 5040—Bureau Yards & Docks, Navy Dept., Wash., D. C., extension to Torpedo Storehouse, here, to C. H. Schaar, 721 21st Ave., Seattle, $40,224 (180 days). Noted Feb. 26.

Calif., Mare Island—Alterations—Spec. 5034—Bureau Yards & Docks, Navy Dept., Wash., D. C., alterations to Building M-34, at Marine Barracks, here, to J. P. Fletcher, Crockett, $3,648 (75 days). Noted Feb. 5.

Unclassified

PROPOSED WORK

Golf Course etc.—West Roxbury (Boston P. O.)—Mass.—Weld Golf Course Trust, Inc., c/o Bonnelli-Adams Co., 110 State St., Boston, plans 18 hole golf course and locker building on 131 acre tract at Weld, Church and South Sts., here. $350,000. Engineer and architect not selected.

Transmission Line — Maryland—Consolidated Pub. Utilities Co., Westminister, plans power transmission line, in Carroll Co.

Transmission Line — Maryland — Pub. Serv. Co., Munsey Bldg., Baltimore, subsidiary of Hanover Power & Light Co., Hanover, Pa., plans transmission line from Pennsylvania border to Union Bridge. Private plans.

Outside Transformer Station—Spartanburg, S. C.—Broad River Power Co., Columbia, plans 10,000 kva. transformer station fed from two 114,000 volt lines, stepping down to 33,000 and 13,200 volts. $200,000. Private plans.

Recreation and Athletic Fields — Avon Park, Fla.—See "Streets and Roads."

Police and Fire Alarm System—Mobile, Ala.—Mar. 31, by H. T. Hartwell, mayor, City Hall, fire alarm system and extension to police signal system; adv. E. N.-R. Mar. 5.

Car Barns—Detroit, Mich.—Dept. Street Rys., St. Jean and Shoemaker Aves., having preliminary plans prepared 1 story car barn, rein.-con., brick and steel, plain foundation, Davison Ave. $100,000.

Stadium—Madison, Wis.—City, c/o H. C. Buser, city clk., plans rein.-con. memorial stadium on Breese Stevens Athletic Field. $50,000. Engineer not selected.

Gas Mains—Two Rivers, Wis.—Wisconsin Fuel & Light Co., Manitowoc, plans approximately 7 mi. gas mains, gas holder, here, and enlarging plant in Manitowoc. Private plans.

Conduits—Kansas City, Mo.—Kansas City Power & Light Co., 14th and Grand Sts., making plans replacing overhead feeder lines with underground conduits. $250,000. Private plans.

Amphitheatre, etc.—University City, Mo.—Flint Garrison et al, 1627 Locust St., St. Louis, taking bids amphitheatre, 3,000 seating capacity, concrete and earth, Olive Rd. at Creve Coeur Lake car tracks. $100,000.

Unclassified (Continued)

J. C. Stephens, Chemical Bldg., St. Louis, engr. Noted Feb. 19.

Subways—Houston, Tex.—Election Apr. 13, $250,000 bonds (citys portion of cost) subways under Southern Pacific Ry. Co.'s tracks on Heights Blvd. and on Houston Ave. J. C. McVey, city engr.

Elevator — Plainview, Tex. — S. G. Cox, soon takes bids 30,000 bu. elevator. Engineer and architect not announced.

Distribution Lines, etc.—Oregon—Pacific Telephone & Telegraph Co., 352 Oak St., Portland, plans to expend $3,000,000 for extensions and improvements to lines and offices, incl. rebuilding distribution line from California line to Seattle, Wash., and new distribution line from Portland to Tallamook and from Eugene to Klamath Falls, also improvements in principal cities of Oregon during 1925. Address E. C. Hickman, c/o owner, div. supt.

Dike—California—Cities of Oakand and Alameda plan dike in Brooklyn basin. $30,000.

Sub-Station Transformers, etc.—California—See "Buildings—Industrial."

Ornamental Street Lighting System — Colton, Calif.—Plans concrete standards in La Cadena Ave. and portions of other streets. $25,000 or more. O. Phillips, city clk.

Storage Wharf — Oakland, Calif. — City, c/o A. Carter, comr. Pub. Wks., plans approximately 50 x 600 ft. fuel oil storage wharf, at Parr Terminal. $80,000.

Gas Holder — Salinas, Calif. — See "Buildings—Industrial."

Street Lighting System—San Bernardino, Calif. — Plans ornamental street lighting system in portions of 6th and F Sts., etc. $52,550.

Street Lighting System — Santa Rosa, Calif. — Plans street lighting system on various streets. $35,000. P. Green, city engr.

Harbor Improvements — Sorel, Que. — Dept. Pub. Wks., Parliament Bldg., Ottawa, Ont., takes bids in March harbor improvements, here. $75,000.

Power Development—Three Rivers, Que.—United Mfg. Co., Montreal, plans water power development, here. $6,000,000. W. J. Francis & Co., 260 St. James St., Montreal, engrs.

Grain Elevator — Owen Sound, Ont. — Great Lakes Elevator Co. plans grain elevator, steel and cement. $450,000. D. J. Kennedy, 854 2nd Ave., engr.

BIDS DESIRED

Inspection Shed Enclosures—New York, N. Y.—Mar. 13, by Bd. Transportation, 49 Lafayette St., inspection shed enclosures at Westchester Ave. and 239th St. Yards. J. H. Delaney, chn.

Tunnel—New York, N. Y.—May 8, by Bd. Estimate & Apportionment, Room 16, City Hall, constructing Parts 1, 2, 3 and 4, New York, Bay Sect. of Narrows Tunnel etc. in Brooklyn and Richmond Boros and under New York Bay, here. J. F. Hylan, mayor, chn.; adv. E. N.-R. Mar. 5.

Subway—Rochester, N. Y.—Mar. 25, at office Bd. Contr. & Supply, 30 City Hall, 3 mi. subway from Oak St. to Mr. Read Blvd., Contr. 3. J. H. Stephenson, secy.; adv. E. N.-R. Mar. 5.

Sanitary Work — Rome, N. Y. — See "Sewers."

Heating Work—Utica, N. Y.—Mar. 25, by State Hospital Comn., Capitol, Albany, heating work and repairs to heating system, at Utica State Hospital, here; adv. Mar. 5.

Bathhouses, etc.—Asbury Park, N. J.—Mar. 10, by Asbury Park Comn., group of bathhouses and stores along Boardwalk between 7th and 8th Aves. $175,000. A. F. Cottrell and K. M. Towner, Asbury Park, engrs.

Stadium—New Castle, Pa.—Mar. 10, by School Dist. North and East Sts., stadium on Benjamin Franklin Junior High School Athletic Field. Noted Feb. 26. Osborn Eng. Co., 7016 Euclid Ave., Cleveland, O., engrs.

Culvert — New Orleans, La. — R. M. Murphy, comr. Dept. Finance, taking bids concrete culvert at intersection of Audubon Blvd. and Claiborne Ave. $30,000.

Swimming Pool—Plaquemine, La.—Mar. 11, by Mayor and Bd. Aldermen, 85 ft. rein.-con. swimming pool, 58 ft., and 20 x 68 ft. frame building. Swanson-McGraw, United Fruit Bldg., New Orleans, consult. engrs.

Harbor Improvements — Port Stanley, Ont.—Mar. 23, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, harbor improvements, incl. 700 ft. rubble mound extension to East Breakwater, two 50 ft. rubble mound checkwaters, removing old east pier and widening and deepening entrance channel in harbor, here. $90,000.

BIDS RECEIVED

Station Finish—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Feb. 27, station finish work at 95th St. station, for Rapid Transit R.R., from Suffolk Building Corp., 7 East 42nd St., $128,000.

CONTRACTS AWARDED

Subway — Cumberland, Md. — City and Baltimore & Ohio R.R. 2 Wall St., New York City, excavation, retaining walls, and sewer work for Virginia Ave., subway under railroad tracks, to Vang Constr. Co., Cumberland and Bessemer Bldg., Pittsburgh, $111,400.

Heating — Jefferson City, Mo. — See "Buildings—Commercial."

Street Lighting System — Los Angeles, Calif. — For ornamental street lighting system on 6th St. between Loomis and Vermont Aves., to Newbery Electric Corp., 726 South Olive St., $77,686. Noted Dec. 4.

Tank — Oakland, Calif. — Pan-Amer. Petroleum Corp., foot of 5th Ave., storage tank, 700 tons plate steel, to Steel Tank & Pipe Co., 1100 4th St., Berkeley. Noted Dec. 25 under "Buildings—Industrial."

Material and Equipment

PROPOSED WORK

Loading Crane—St. Francis, Wis.—Janesville Sand & Gravel Co., Janesville, c/o J. R. Jensen, purch. agt., plans to purchase 1 loading crane for branch distributing yard, here.

Pipe—South Dakota—State High Comn., Pierre, taking bids, about 73,310 lin.ft. 15- to 36-in. concrete culvert pipe for 1925 construction.

Pipe — Monrovia, Calif. — City plans to purchase 3,880 lin.ft. standard screw black dipped pipe with recess couplings, 2,580 lin.ft. No. 14 gauge wrapped riveted steel pipe. L. P. Black, city clk.

Grain Handling Equipment—Collingwood, Ont.—Canadian Natl. Rys., Windsor Sta., Montreal, Que., plans increasing capacity of grain handling equipment at grain elevator, here. $30,000. T. T. Irving, c/o Canadian Natl. Ry., New Union Sta., Toronto, engr.

BIDS DESIRED

Sand, Gravel, etc.—Buffalo, N. Y.—Mar. 13, by Comn. Pub. Wks., sand, gravel, broken stone, paving stone curbing, crosswalk stone, top dressing, etc., for macadam roads. C. E. P. Babcock, Municipal Bldg., engr.

Paving Blocks—New York, N. Y.—Mar. 12, by J. E. Bowe, comr. Purchases, Municipal Bldg., granite and creosoted wood paving blocks.

Ties and Timber—New York, N. Y.—Mar. 13, by Bd. Transportation, 49 Lafayette St., ties and timber for constructing Rapid Transit R.R. J. H. Delaney, chn.

Conveyor—Millville, N. J.—Mar. 6, by Bd. City Comrs., City Hall, one portable belt conveyor equipped with gasoline engine, suitable for conveying crushed rock or pebbles from beneath cars on railroad track to wagons or trucks.

Crane — Pittsburgh, Pa. — Richardson & Co., Inc., Oliver Bldg., taking bids 1 locomotive crane.

Conveyor, etc.—Columbus, O.—Excelsior Coal Co., 1166 McKinley Ave., in market for 1 conveyor for coal handling, and 1 loading machine, heavy type. F. M. Teal, genl. mgr.

Steam Shovel, etc.—Columbus, O.—Middle States Constr. Co., 524 East Hudson St., in market for 1 medium sized steam shovel, loading machine and conveying equipment for new yard at Cleveland and Essex Aves. S. O. Rogers, secy.

Bituminous Material, etc. — Lansing, Mich.—Mar. 12, by State Hy. Dept., 2,068,500 gal. bituminous surface treatment material, 131,350 gal. cold patch material, 219,200 gal. joint filler material, 460,765 gal. bituminous macadam (peneration) material, 484,000 gal. light oil for dust palliative, and 12,131 tons calcium chloride.

Street Sweeper — Appleton, Wis. — Mar. 24, by E. L. Williams, city clk., 1 motor driven street sweeper.

Trucks and Power Graders — Oshkosh, Wis.—Mar. 7, by F. C. Steiner, highway comr. Winnebago Co., several 3 to 6 ton trucks with and without batch partitions, also power graders.

Grader—Hastings, Minn.—Mar. 16, by Dakota Co., one 12 ft. blade grader complete, omit back sloper (12 ft. Gallon blade grader to be taken in exchange). J. Swan, Hastings, engr.

Traffic Signs—Minneapolis, Minn.—Mar. 11, By F. S. Gram, city purch. agt., 500 traffic signs. N. W. Elsberg, city engr.

Brick—Minneapolis, Minn.—Mar. 12, by F. S. Gram, city purch. agt. 1,040,400 common brick, 497,915 exterior face brick, 294,593 interior face brick, and 15,000 fire brick for filter plant. N. W. Elsberg, city engr.

Road Oil, etc.—St. Paul, Minn.—Mar. 10, by H. W. Austin, city purch. agt., 700,000 gal. road oil for Dept. Pub. Wks.; 200 tons of asphalt and 40 tons of asphaltic filler. C. M. Shepard, city engr.

Conveyor—Dallas, Tex.—Dr. Pepper Co., 401 Main St., taking bids 125 ft. roll gravity conveyor and one right hand 90 deg. curve.

Oil Engine Generator Unit—Perry, Okla.—Mar. 11, by B. R. Lucas, city clk., new 350 hp. Diesel oil engine generator unit with switchboard, power wiring, fuel tanks, cooling tower and starting appliances, etc. $40,000. A. W. Yoce, Perry, engr.

Concrete Mixer—Montreal, Que.—J. E. Laurin, 698 St. Catherine St. W., in market for ½ yd. gasoline driven concrete mixer.

Tractor — Montreal, Que. — Dept. Pub. Wks., Parliament Bldg., Ottawa, Ont., in market for one electric tractor, for use at Bonaventure Sta., here.

BIDS RECEIVED

Asphaltic Cement — Milwaukee, Wis. — Central Bd. Purchases, Feb. 20, 360 tons asphaltic cement, from Mexican Petroleum Corp., 120 Bway., New York City, N. Y., at $28.10 per ton.

Road Oil, etc.—Minneapolis, Minn.—F. S. Gram, city purch. agt., Feb. 16, 2,000,000 gal. road oil, from W. H. Barber Co., 1501 Franklin Ave. S. E., $0.064 per gal. f.o.b. Minneapolis; 11,000 tons trap rock, from Trap Rock Co., Bway. and K Sts., $1.25 per ton for ¼ in., $2.55 per ton for ¼ to ½ in. and $2 per ton for ½ to 1½ in.; 5,000,000 vitr. paving brick, from Purlington Paving Brick Co., Galesburg, Ill., $39.95 per M; 20,000 sq.yd. 3½ in. creosoted wood blocks, from Indiana Wood Preserving Co., 111 West Washington St., Chicago, Ill., $2.25 per sq.yd., f.o.b. Minneapolis.

CONTRACTS AWARDED

Asphalt Sand—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, 10,000 cu.yd. asphalt sand, to Hygrade Builders Supply Co., 6th St. and 2nd Ave., $12,850; 5,000 cu. yd. paving and concrete sand, to T. E. McCormick, 325 Rutland Rd., $5,725. Noted Feb. 19.

Sand Grit, etc. — New York, N. Y. — J. Miller, pres. Manhattan Boro., Municipal Bldg., 2,500 cu.yd. sand grit and 3,000 cu. yd. concrete and paving sand, to Gallagher-Shand Co., 420 East 105th St., $4,125 and $4,500 respectively; 50,000 special 5 in. granite paving blocks, to St. George Granite Co., 90 West St., $7,425; 4,000 cu.yd. coarse aggregate for concrete, to Hygrade Builders Supply Co., 6th St. and 2nd Ave., $8,760; 500 tons asphalt joint filler, to Standard Oil Co., 26 Bway., $12,290; 4,000 tons inorganic dust and 8,000 cu.yd. ½ in. binder stone, to New York Trap Rock Co., 101 Park Ave. $25,960 and $15,120 respectively; two 5 ton trucks, to Pitts Motors, Inc., $9,920. Noted Feb. 19.

Barges—Pittsburgh, Pa.—J. K. Davison & Bro., Davison St., six 10 x 26 x 135 ft. Hopper type all steel barges, to Dravo Contg. Co., Neville Island, Pittsburgh.

Cement—Baltimore, Md.—Bd. Awards, 10,000 bbl. cement, to Hudson Cement & Supply Co., Westwood and Whitmore Aves., $2.72 per bbl. Noted Feb. 19.

Oil—Dayton, O.—City Comn., 400,000 gal. oil for oiling streets, to J. S. Tobitt, Wyoming, $0.0774 per gal., total $30,960.

Trenching Machine, etc.—Kenosha, Wis.—C. M. Osborn, city mgr., 1 Parsons model 30 trenching machine and 1 Parsons model 20 back filler, to Hunter Mchy. Co., 16th St. Viaduct, Milwaukee. Noted Jan. 8.

Creosoted Wood Blocks, etc. — St. Paul, Minn.—H. W. Austin, city purch. agt., 1,200 sq.yd. 3½ in. creosoted wood blocks, to Republic Creosoting Co., St. Louis Park, $2.94 per sq.yd.; 1,400 sq.yd. sandstone blocks, to Sandstone Quarries Co., 510 Plymouth Bldg., Minneapolis, $3,836; six thousand five hundred 18 and 24 in. square cement sidewalk tile, to St. Paul Cement Stone Co., 889 West Minnehaha St., $1,800. Noted Jan. 29.

Stone Crusher—St. Paul, Minn.—G. J. Ries, aud. Ramsey Co., one stone crusher, to Russell Grader Mfg. Co., 2005 University Ave. S. E., Minneapolis, $2,467. Noted Dec. 4.

Tractor Engine—Lake Andes, S. D.—C. H. Robertson, aud. Charles Mix Co., 1 tractor engine, to Minneapolis Threshing Machine Co., Hopkins, $4,040. Noted Feb. 5.

Diesel Oil Engine—Wellington, Tex.—C. B. Myers, city clk., new 400 hp. diesel oil engine, generator, switchboard, pumps, oil storage and extension to power plant, to Fulton Iron Wks., Praetorian Bldg., Dallas, $44,376. Noted Feb. 5.